# SAFETY DATA SHEET **V 301 IVORY BEIGE**

1. Identification	
Product identifier	
Product name	V 301 IVORY BEIGE
Product number	V 301 IVORY BEIGE
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	afety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	<u>r</u>
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	n ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measur	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

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Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Produc with specific warnings about ingestion will give guidance there.	ts:
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In gene most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.	
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In gene most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, not rub.	9
Indication of immediate medic	al attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
5.Fire-fighting measures		
Extinguishing media		
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.	
Special hazards arising from t	he substance or mixture	
Specific hazards	The product is not believed to present a hazard due to its physical nature.	
Advice for firefighters		
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.	
6. Accidental release measure	18	
Personal precautions, protecti	ve equipment and emergency procedures	
Personal precautions	For personal protection, see Section 8.	
Environmental precautions		
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 and listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	re
Methods and material for cont	ainment and cleaning up	
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.	
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.	
7. Handling and storage		
Precautions for safe handling		
Usage precautions	Read label before use.	
Conditions for safe storage, in	cluding any incompatibilities	
Storage precautions	Store in tightly-closed, original container in a dry and cool place.	
Specific end uses(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.	
8. Exposure Controls/personal	I protection	
Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.	
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Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

Information on basic physical a	and chemical properties
Appearance	Colored liquid.
Color	Various colors.
Odor	Odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Not relevant.
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.
10. Stability and reactivity	

Revision: 8

# V 301 IVORY BEIGE

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	fects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	
Other adverse effects	None known.

# V 301 IVORY BEIGE

# 13. Disposal considerations Waste treatment methods General information Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered. 14. Transport information

## General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

## UN Number

Not applicable.

## UN proper shipping name

Not applicable.

### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

## Environmental hazards

#### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

## Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

## 15. Regulatory information

## **US State Regulations**

### California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt.

#### Inventories

**Canada - DSL/NDSL** All the ingredients are listed or exempt.

**US - TSCA** All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

16. Other information

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/15/2016
Revision	8
Supersedes date	3/14/2016
SDS No.	5676

# **V 301 IVORY BEIGE**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 303 TERRA COTTA

1. Identification	
Product identifier	
Product name	V 303 TERRA COTTA
Product number	V 303 TERRA COTTA
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	afety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	<u>r</u>
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	ningredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measu	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

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Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	ne substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	S
Personal precautions, protectiv	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal protection	

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# V 303 TERRA COTTA

Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

# V 303 TERRA COTTA

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	iects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

# V 303 TERRA COTTA

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	ired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Su	
	y environmental hazards associated with this product. If H411/H412 warnings are shown then beling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Carci None of the ingredients are list	inogens and Reproductive Toxins ted or exempt.
Inventories Canada - DSL/NDSL All the ingredients are listed or	exempt.
<b>US - TSCA</b> All the ingredients are listed or	exempt.
US - TSCA 12(b) Export Notifie All the ingredients are listed or	
16. Other information	

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5678

# V 303 TERRA COTTA

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 309 DEEP YELLOW

1. Identification	
Product identifier	
Product name	V 309 DEEP YELLOW
Product number	V 309 DEEP YELLOW
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	er
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substanc	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	n ingredients
Mixtures Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measu	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.	
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.	
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.	
Indication of immediate medica	al attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
5.Fire-fighting measures		
Extinguishing media		
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.	
Special hazards arising from the	ne substance or mixture	
Specific hazards	The product is not believed to present a hazard due to its physical nature.	
Advice for firefighters		
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.	
6. Accidental release measures		
Personal precautions, protective equipment and emergency procedures		
Personal precautions	For personal protection, see Section 8.	
Environmental precautions		
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Methods and material for conta	ainment and cleaning up	
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.	
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.	
7. Handling and storage		
Precautions for safe handling		
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.	
Conditions for safe storage, including any incompatibilities		
Storage precautions	Store in tightly-closed, original container in a dry and cool place.	
Specific end uses(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.	
8. Exposure Controls/personal protection		

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
pН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

Stability       No particular stability concerns.         Possibility of hazardous reactions       None known.         Conditions to avoid       None known.         Materials to avoid       None known.         Hazardous decomposition products       None known.         Information on toxicological information       None known.         Information on toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/irritation       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         I2. Ecological information       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Presistence and degradability       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Presistence and degradability       No data available.         Presistence and degradability       No data available.         Biodegradation       No tinfermation available.	10. Stability and reactivity	
Possibility of hazardous reactionsNone known.Conditions to avoidNone known.Materials to avoidNone known.Hazardous decomposition productsNone known.11. Toxicological informationNone known.11. Toxicological informationPlease read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).Skin corrosion/initiation Skin sensitization Skin sensitization Skin sensitizationBased on available data the classification criteria are not met.Eye contactMay cause temporary eye irritation.12. Ecological InformationPlease read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityNo data available.BiodegradationNo tinherently biodegradable.BiodegradationNot inherently biodegradable.BiodegradationNo information available.	Reactivity	There are no known reactivity hazards associated with this product.
reactions Conditions to avoid None known. Materials to avoid None known. Hazardous decomposition None known. Hazardous decomposition None known. Hazardous decomposition None known. Hazardous decomposition Plase read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin corresion/irritation Six Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin sensitisation Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin sensitisation Based on available data the classification criteria are not met. Eve contact May cause temporary eye irritation. Exclogical Information Exclogical Information 2 please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity Toxicity Please read Section 2 completely. If any environmental warnings such as: H411 or H412 are isted in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity No class read Section 2 completely. If any environmental warnings such as: H411 or H412 are isted in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Fresistence and degradability No data available. Biodegradation No to interently biodegradable. Biodegradation No to interently biodegradable. Biodegradation No information available.	Stability	No particular stability concerns.
Materials to avoid       None known.         Hazardous decomposition products       None known.         11. Toxicological information       Information on toxicological effects         Information on toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/irritation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Expected to available data the classification criteria are not met.       Note known.         Toxicological Information       May cause temporary eye irritation.         Ecotoxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       No information available.	Possibility of hazardous reactions	None known.
Hazardous decomposition products       None known.         11. Toxicological information       Information on toxicological effects         Toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/inritation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       No information available.	Conditions to avoid	None known.
products         11. Toxicological information         Information on toxicological effects         Toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/initiation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Eventact         Ecotoxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Presistence and degradability       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       No tinherently biodegradable.         Bioaccumulative potential       No information available.	Materials to avoid	None known.
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Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       Partition coefficient         No information available.	Toxicity	listed in Section 2, please use appropriate procedures when disposing of product and
Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       Image: Second Seco	Persistence and degradability	
Bioaccumulative potential         Partition coefficient       No information available.	Persistence and degradability	No data available.
Partition coefficient No information available.	Biodegradation	Not inherently biodegradable.
	Bioaccumulative potential	
Mobility in soil	Partition coefficient	No information available.
	Mobility in soil	
Mobility Semi-mobile.	Mobility	Semi-mobile.
Results of PBT and vPvB assessment	Results of PBT and vPvB asse	essment
Results of PBT and vPvBThis product does not contain any substances classified as PBT or vPvB.assessment	Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	Other adverse effects	

Other adverse effects	None known.	
13. Disposal considerations		
Waste treatment methods		
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.	
14. Transport information		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).	
UN Number		
Not applicable.		
UN proper shipping name		
Not applicable.		
Transport hazard class(es)		
No transport warning sign requi	ired.	
Packing group		
Not applicable.		
Environmental hazards		
Environmentally Hazardous Su	bstance	
Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.		
Special precautions for user		
Not applicable.		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 15. Regulatory information	Not applicable.	
US State Regulations California Proposition 65 Carci None of the ingredients are list	nogens and Reproductive Toxins red or exempt.	
Inventories		
<b>Canada - DSL/NDSL</b> All the ingredients are listed or	exempt.	
<b>US - TSCA</b> All the ingredients are listed or	exempt.	
US - TSCA 12(b) Export Notific All the ingredients are listed or		
16. Other information		

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5681

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 313 RED BROWN

1. Identification	
Product identifier	
Product name	V 313 RED BROWN
Product number	V 313 RED BROWN
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	afety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	<u>r</u>
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	n ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measur	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.	
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.	
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.	
Indication of immediate medic	al attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
5.Fire-fighting measures		
Extinguishing media		
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.	
Special hazards arising from t	he substance or mixture	
Specific hazards	The product is not believed to present a hazard due to its physical nature.	
Advice for firefighters		
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.	
6. Accidental release measures		
Personal precautions, protective equipment and emergency procedures		
Personal precautions	For personal protection, see Section 8.	
Environmental precautions		
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Methods and material for cont	ainment and cleaning up	
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.	
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.	
7. Handling and storage		
Precautions for safe handling		
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.	
Conditions for safe storage, including any incompatibilities		
Storage precautions	Store in tightly-closed, original container in a dry and cool place.	
Specific end uses(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.	
8. Exposure Controls/personal protection		

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	ects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

Waste treatment methods         Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.           14. Transport information         The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).           UN Number         The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).           UN Number         The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).           Not applicable.         Transport hazard class(es)           Not tapplicable.         Transport hazard class(es)           Not tapplicable.         Packing group           Not tapplicable.         Packing group           Not tapplicable.         Packing group           Not applicable.         Packing group           Not applicable.         Packing group           Not applicable.         Package refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify backaging and labeling requirements for larger volumes.           Special precautions for user         Not applicable.           Annex I of MARPOL 7370         Not applicable.           State Regulations         California Proposition 66 Carcinogens and Reproductive Toxins           None of the ingredients are	Other adverse effects	None known.
General information       Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.         14. Transport Information       The product is not covered by international regulations on the transport of dangerous goods (IMDC, IATA, DoT).         UN Number       The product is not covered by international regulations on the transport of dangerous goods (IMDC, IATA, DoT).         UN Number       The product is not covered by international regulations on the transport of dangerous goods (IMDC, IATA, DoT).         Not applicable.       Transport Information         Packing group       Packing group         Not applicable.       Packing group         Packing group       Packing group         Not applicable.       Packing group         Packard Back for the section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please refer to Section 2 for any environmental hazards         Special precautions for user       Packard group         State Regulations       Not applicable.	13. Disposal considerations	
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General       The product is not covered by international regulations on the transport of dangerous goods (MDG, IATA, DoT).         UN Number       Not applicable.         Not applicable.       UN proper shipping name         Not applicable.       Transport hazard class(ee)         No transport warning sign required.       Packing group         Not applicable.       The product is not covered by international regulations on the transport of dangerous goods (MDG, IATA, DoT).         Please refer to Section 2 for any environmental hazards       Environmental hazards         Environmental please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.         Special precautions for user       Not applicable.         Annex II of MARPOL 7378       Not applicable.         State Regulations       California Proposition 65 Carcinogens and Reproductive Toxins         None of the ingredients are listed or exempt.       US -TSCA         All the ingredients are listed or exempt.       US -TSCA         All the ingredients are listed or exempt.       US -TSCA 12(b) Export Notification         All the ingredients are listed or exempt.       US -TSCA	General information	handling waste, the safety precautions applying to handling of the product should be
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No transport warning sign required. Packing group Not applicable. Environmental hazards Environmentally Hazardous Substance Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes. Special precautions for user Not applicable. Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code 15. Regulatory Information US State Regulations California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. Us - TSCA All the ingredients are listed or exempt.	Not applicable.	
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Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code 15. Regulatory information US State Regulations California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. Inventories Canada - DSL/NDSL All the ingredients are listed or exempt. US - TSCA All the ingredients are listed or exempt. US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.	Special precautions for user	
Annex II of MARPOL 73/78 and the IBC Code 15. Regulatory information US State Regulations California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. Inventories Canada - DSL/NDSL All the ingredients are listed or exempt. US - TSCA All the ingredients are listed or exempt. US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.		
US State Regulations California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. Inventories Canada - DSL/NDSL All the ingredients are listed or exempt. US - TSCA All the ingredients are listed or exempt. US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. Inventories Canada - DSL/NDSL All the ingredients are listed or exempt. US - TSCA All the ingredients are listed or exempt. US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.	15. Regulatory information	
All the ingredients are listed or exempt. US - TSCA All the ingredients are listed or exempt. US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.		
US - TSCA All the ingredients are listed or exempt. US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.		
All the ingredients are listed or exempt. <b>US - TSCA 12(b) Export Notification</b> All the ingredients are listed or exempt.	All the ingredients are listed of	or exempt.
US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.		
All the ingredients are listed or exempt.	All the ingrealents are listed of	n exempt.
16. Other information		
	16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5683

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 315 PEACH

1. Identification	
Product identifier	
Product name	V 315 PEACH
Product number	V 315 PEACH
Recommended use of the che	mical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	afety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone number	[
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information on	ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measur	es
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	l effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

# V 315 PEACH

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medic	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	he substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	NS
Personal precautions, protection	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal	I protection

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# V 315 PEACH

Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

# V 315 PEACH

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	ects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

# V 315 PEACH

Other adverse effects	None known.	
13. Disposal considerations		
Waste treatment methods		
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.	
14. Transport information		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).	
UN Number		
Not applicable.		
UN proper shipping name		
Not applicable.		
Transport hazard class(es)		
No transport warning sign requ	uired.	
Packing group		
Not applicable.		
Environmental hazards		
Environmentally Hazardous S	ubstance	
Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.		
Special precautions for user		
Not applicable.		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.	
15. Regulatory information		
US State Regulations California Proposition 65 Card None of the ingredients are lis	cinogens and Reproductive Toxins sted or exempt.	
Inventories		
Canada - DSL/NDSL		
All the ingredients are listed o	or exempt.	
<b>US - TSCA</b> All the ingredients are listed o	or exempt.	
US - TSCA 12(b) Export Notif All the ingredients are listed o		
16. Other information		

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5685

# V 315 PEACH

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 320 LAVENDER

1. Identification	
Product identifier	
Product name	V 320 LAVENDER
Product number	V 320 LAVENDER
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	afety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	<u>r</u>
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	) ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measur	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

## Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Eye contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity		
Reactivity	There are no known reactivity hazards associated with this product.	
Stability	No particular stability concerns.	
Possibility of hazardous reactions	None known.	
Conditions to avoid	None known.	
Materials to avoid	None known.	
Hazardous decomposition products	None known.	
11. Toxicological information		
Information on toxicological effects		
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).	
Skin corrosion/irritation		
Skin sensitization		
Skin sensitisation	Based on available data the classification criteria are not met.	
Eye contact	May cause temporary eye irritation.	
12. Ecological Information		
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Toxicity		
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Persistence and degradability		
Persistence and degradability	No data available.	
Biodegradation	Not inherently biodegradable.	
Bioaccumulative potential		
Partition coefficient	No information available.	
Mobility in soil		
Mobility	Semi-mobile.	
Results of PBT and vPvB asse	essment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.	
Other adverse effects		

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign req	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S Please refer to Section 2 for a please verify packaging and la	<b>ubstance</b> ny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
None of the ingredients are li	<b>cinogens and Reproductive Toxins</b> sted or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed o	or exempt.
<b>US - TSCA</b> All the ingredients are listed o	or exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed o	
16. Other information	

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5688

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 323 SALMON

1. Identification	
Product identifier	
Product name	V 323 SALMON
Product number	V 323 SALMON
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	۲
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	n ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measur	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

#### Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Read Section 2 for any specific precautions associated with the use of this product. In general Eye contact most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

#### 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

Stability       No particular stability concerns.         Possibility of hazardous reactions       None known.         Conditions to avoid       None known.         Materials to avoid       None known.         Hazardous decomposition products       None known.         Information on toxicological information       None known.         Information on toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/irritation       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         I2. Ecological information       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Presistence and degradability Presistence and degradability       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Presistence and degradability Presistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Biodegradation       No information available.	10. Stability and reactivity	
Possibility of hazardous reactionsNone known.Conditions to avoidNone known.Materials to avoidNone known.Hazardous decomposition productsNone known.11. Toxicological informationNone known.11. Toxicological informationPlease read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).Skin corrosion/initiation Skin sensitization Skin sensitization Skin sensitizationBased on available data the classification criteria are not met.Eye contactMay cause temporary eye irritation.12. Ecological InformationPlease read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityNo data available.BiodegradationNo tinherently biodegradable.BiodegradationNot inherently biodegradable.BiodegradationNo information available.	Reactivity	There are no known reactivity hazards associated with this product.
reactions Conditions to avoid None known. Materials to avoid None known. Hazardous decomposition None known. Hazardous decomposition None known. Hazardous decomposition None known. Hazardous decomposition Plase read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin corresion/irritation Six Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin sensitisation Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin sensitisation Based on available data the classification criteria are not met. Eve contact May cause temporary eye irritation. Exclogical Information Exclogical Information 2 please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity Toxicity Please read Section 2 completely. If any environmental warnings such as: H411 or H412 are isted in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity No class read Section 2 completely. If any environmental warnings such as: H411 or H412 are isted in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Fresistence and degradability No data available. Biodegradation No to interently biodegradable. Biodegradation No to interently biodegradable. Biodegradation No information available.	Stability	No particular stability concerns.
Materials to avoid       None known.         Hazardous decomposition products       None known.         11. Toxicological information       Information on toxicological effects         Information on toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/irritation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Expected to available data the classification criteria are not met.       Note known.         Toxicological Information       May cause temporary eye irritation.         Ecotoxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       No information available.	Possibility of hazardous reactions	None known.
Hazardous decomposition products       None known.         11. Toxicological information       Information on toxicological effects         Toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/inritation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       No information available.	Conditions to avoid	None known.
products         11. Toxicological information         Information on toxicological effects         Toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/initiation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Eventact         Ecotoxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Presistence and degradability       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       No tinherently biodegradable.         Bioaccumulative potential       No information available.	Materials to avoid	None known.
Information on toxicological effects         Toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/irritation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       No information available.	Hazardous decomposition products	None known.
Toxicological effects       Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).         Skin corrosion/irritation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Ecotoxicity         Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccurnulative potential       No information available.	11. Toxicological information	
skin corrosion/inflationSkin corrosion/inflationSkin sensitizationSkin sensitizationSkin sensitizationBased on available data the classification criteria are not met.Eye contactMay cause temporary eye irritation.12. Ecological InformationEcotoxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityNo data available.BiodegradationBiodegradationNo information available.Bioaccumulative potentialPersistence ficientNo information available.	Information on toxicological eff	fects
Skin sensitizationBased on available data the classification criteria are not met.Eye contactMay cause temporary eye irritation.12. Ecological InformationPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityNo data available.BiodegradationNot inherently biodegradable.Bioaccumulative potentialNo information available.	Toxicological effects	
Skin sensitisation       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       No information available.	Skin corrosion/irritation	
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12. Ecological Information         Ecotoxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.         Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       Partition coefficient	Skin sensitisation	Based on available data the classification criteria are not met.
EcotoxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.ToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityPlease read Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityNo data available.BiodegradationNot inherently biodegradable.Bioaccumulative potentialNo information available.	Eye contact	May cause temporary eye irritation.
ToxicityToxicityToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityPersistence and degradabilityBiodegradationBioaccumulative potentialPartition coefficient	12. Ecological Information	
ToxicityPlease read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradability Persistence and degradability BiodegradationNo data available.Bioaccumulative potential Partition coefficientNo information available.	Ecotoxicity	listed in Section 2, please use appropriate procedures when disposing of product and
Isted in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.Persistence and degradabilityNo data available.BiodegradationNot inherently biodegradable.Bioaccumulative potentialNo information available.	Toxicity	
Persistence and degradability       No data available.         Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       Partition coefficient         No information available.	Toxicity	listed in Section 2, please use appropriate procedures when disposing of product and
Biodegradation       Not inherently biodegradable.         Bioaccumulative potential       Image: Second Seco	Persistence and degradability	
Bioaccumulative potential         Partition coefficient       No information available.	Persistence and degradability	No data available.
Partition coefficient No information available.	Biodegradation	Not inherently biodegradable.
	Bioaccumulative potential	
Mobility in soil	Partition coefficient	No information available.
	Mobility in soil	
Mobility Semi-mobile.	Mobility	Semi-mobile.
Results of PBT and vPvB assessment	Results of PBT and vPvB asse	essment
Results of PBT and vPvBThis product does not contain any substances classified as PBT or vPvB.assessment	Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	Other adverse effects	

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Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S	ubstance
Please refer to Section 2 for a please verify packaging and la	ny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Caro None of the ingredients are lis	cinogens and Reproductive Toxins sted or exempt.
Inventories Canada - DSL/NDSL All the ingredients are listed o	r exempt.
<b>US - TSCA</b> All the ingredients are listed o	r exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed o	
16. Other information	

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5691

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 325 BABY BLUE

1. Identification		
Product identifier		
Product name	V 325 BABY BLUE	
Product number	V 325 BABY BLUE	
Recommended use of the che	emical and restrictions on use	
Application	Ceramic underglaze	
Details of the supplier of the s	afety data sheet	
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone numbe	<u>r</u>	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substance	e or mixture	
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information or	ningredients	
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.	
4. First-aid measures		
Description of first aid measures		
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms and	d effects, both acute and delayed	
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

#### Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Eye contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

#### 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	ects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S Please refer to Section 2 for a please verify packaging and la	<b>ubstance</b> ny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. Inventories Canada - DSL/NDSL	
All the ingredients are listed o	r exempt.
All the ingredients are listed o	r exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed o	
16. Other information	

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5692

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 327 TURQUOISE BLUE

1. Identification		
Product identifier		
Product name	V 327 TURQUOISE BLUE	
Product number	V 327 TURQUOISE BLUE	
Recommended use of the ch	nemical and restrictions on use	
Application	Ceramic underglaze	
Details of the supplier of the safety data sheet		
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone numb		
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substant	ce or mixture	
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information c	n ingredients	
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.	
4. First-aid measures		
Description of first aid measu	ires	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms ar	nd effects, both acute and delayed	
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	he substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	8
Personal precautions, protectiv	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal	I protection

**V 327 TURQUOISE BLUE** 

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# **V 327 TURQUOISE BLUE**

Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

#### 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

#### 10. Stability and reactivity Reactivity There are no known reactivity hazards associated with this product. Stability No particular stability concerns. Possibility of hazardous None known. reactions Conditions to avoid None known. Materials to avoid None known. Hazardous decomposition None known. products 11. Toxicological information Information on toxicological effects **Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin corrosion/irritation Skin sensitization Skin sensitisation Based on available data the classification criteria are not met. Eye contact May cause temporary eye irritation. 12. Ecological Information Ecotoxicity Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity Toxicity Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Persistence and degradability Persistence and degradability No data available. Biodegradation Not inherently biodegradable. **Bioaccumulative potential** Partition coefficient No information available. Mobility in soil Semi-mobile. Mobility Results of PBT and vPvB assessment Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB. assessment Other adverse effects

## V 327 TURQUOISE BLUE

# **V 327 TURQUOISE BLUE**

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	ired.
Packing group	
Not applicable.	
Environmental hazards	
	<b>ibstance</b> by environmental hazards associated with this product. If H411/H412 warnings are shown then beling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
None of the ingredients are list	inogens and Reproductive Toxins ted or exempt.
Canada - DSL/NDSL All the ingredients are listed or	exempt.
-	
US - TSCA All the ingredients are listed or	exempt.
US - TSCA 12(b) Export Notifie All the ingredients are listed or	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5694

# **V 327 TURQUOISE BLUE**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 333 AVOCADO

1. Identification	
Product identifier	
Product name	V 333 AVOCADO
Product number	V 333 AVOCADO
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	afety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone number	<u>r</u>
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information on	ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measur	es
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

#### Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Read Section 2 for any specific precautions associated with the use of this product. In general Eye contact most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

#### 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
pН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	fects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	ired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Su	
Please refer to Section 2 for ar please verify packaging and la	y environmental hazards associated with this product. If H411/H412 warnings are shown then beling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Carc None of the ingredients are list	inogens and Reproductive Toxins ted or exempt.
Inventories Canada - DSL/NDSL All the ingredients are listed or	exempt.
<b>US - TSCA</b> All the ingredients are listed or	exempt.
US - TSCA 12(b) Export Notific All the ingredients are listed or	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5697

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET V 336 ROYAL BLUE

1. Identification			
Product identifier			
Product name	V 336 ROYAL BLUE		
Product number	V 336 ROYAL BLUE		
Recommended use of the che	emical and restrictions on use		
Application	Ceramic underglaze		
Details of the supplier of the s	Details of the supplier of the safety data sheet		
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871		
Emergency telephone numbe	<u>r</u>		
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST		
2. Hazard(s) identification			
Classification of the substanc	e or mixture		
Physical hazards	Not Classified		
Health hazards	Not Classified		
Environmental hazards	Not Classified		
Label elements			
Hazard statements	NC Not Classified		
Other hazards			
none present.			
3. Composition/information or	n ingredients		
Mixtures			
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.		
4. First-aid measures			
Description of first aid measu	res		
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.		
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.		
Skin Contact	Wash skin thoroughly with soap and water.		
Eye contact	Rinse with water.		
Most important symptoms and	d effects, both acute and delayed		
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.		

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.	
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.	
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.	
Indication of immediate medica	al attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
5.Fire-fighting measures		
Extinguishing media		
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.	
Special hazards arising from the	ne substance or mixture	
Specific hazards	The product is not believed to present a hazard due to its physical nature.	
Advice for firefighters		
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.	
6. Accidental release measures		
Personal precautions, protective equipment and emergency procedures		
Personal precautions	For personal protection, see Section 8.	
Environmental precautions		
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Methods and material for conta	ainment and cleaning up	
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.	
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.	
7. Handling and storage		
Precautions for safe handling		
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.	
Conditions for safe storage, in	cluding any incompatibilities	
Storage precautions	Store in tightly-closed, original container in a dry and cool place.	
Specific end uses(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.	
8. Exposure Controls/personal	protection	

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

#### 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological ef	fects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB	This product does not contain any substances classified as PBT or vPvB.
assessment	

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Se Please refer to Section 2 for an please verify packaging and la	u <b>bstance</b> ny environmental hazards associated with this product. If H411/H412 warnings are shown then ibeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Caro None of the ingredients are lis Inventories	<b>cinogens and Reproductive Toxins</b> sted or exempt.
<b>Canada - DSL/NDSL</b> All the ingredients are listed o	r exempt.
<b>US - TSCA</b> All the ingredients are listed o	r exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed o	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5699

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET **V 343 CHARTREUSE**

1. Identification	
Product identifier	
Product name	V 343 CHARTREUSE
Product number	V 343 CHARTREUSE
Recommended use of the che	emical and restrictions on use
Application	Ceramic underglaze
Details of the supplier of the s	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone number	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information of	n ingredients
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.
4. First-aid measures	
Description of first aid measu	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms an	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	ne substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	8
Personal precautions, protectiv	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal	protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

#### 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity		
Reactivity	There are no known reactivity hazards associated with this product.	
Stability	No particular stability concerns.	
Possibility of hazardous reactions	None known.	
Conditions to avoid	None known.	
Materials to avoid	None known.	
Hazardous decomposition products	None known.	
11. Toxicological information		
Information on toxicological eff	iects	
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).	
Skin corrosion/irritation		
Skin sensitization		
Skin sensitisation	Based on available data the classification criteria are not met.	
Eye contact	May cause temporary eye irritation.	
12. Ecological Information		
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Toxicity		
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.	
Persistence and degradability		
Persistence and degradability	No data available.	
Biodegradation	Not inherently biodegradable.	
Bioaccumulative potential		
Partition coefficient	No information available.	
Mobility in soil		
Mobility	Semi-mobile.	
Results of PBT and vPvB asse	essment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.	

Other adverse effects	None known.	
13. Disposal considerations		
Waste treatment methods		
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.	
14. Transport information		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).	
UN Number		
Not applicable.		
UN proper shipping name		
Not applicable.		
Transport hazard class(es)		
No transport warning sign requ	uired.	
Packing group		
Not applicable.		
Environmental hazards		
Environmentally Hazardous S Please refer to Section 2 for a please verify packaging and la	<b>ubstance</b> ny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.	
Special precautions for user		
Not applicable.		
Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code		
15. Regulatory information		
US State Regulations California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt.		
Inventories Canada - DSL/NDSL All the ingredients are listed o	or exempt.	
US - TSCA All the ingredients are listed or exempt.		
US - TSCA 12(b) Export Notif All the ingredients are listed o		
16. Other information		

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Hydrated Aluminum Silicate1332-58-7, Feldspar68476-25-5, Crystalline Silica 14808-60-7 Various Pigments
Revision date	3/14/2016
Revision	7
Supersedes date	3/9/2016
SDS No.	5701

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.