#### Supersedes date: \$29439461 of 72

# SAFETY DATA SHEET V 318 ROSE

## 1. Identification

Product identifier

Product name V 318 ROSE
Product number V 318 ROSE

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

## 2. Hazard(s) identification

## Classification of the substance 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 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 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.

# Supersedes date: \$29662 of 72

## **V 318 ROSE**

**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

## 5.Fire-fighting measures

Extinguishing media

#### 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

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 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

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

## **V 318 ROSE**

Ingredient comments Only ingredients listed in 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.

**pH** 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.

Supersedes date: \$29664 of 72

## **V 318 ROSE**

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 assessment

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

## Supersedes date: P9429465 of 72

## **V 318 ROSE**

Revision: 7

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 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

Supersedes date: \$\P\arge{40}\end{6}6 of 72

# **V 318 ROSE**

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.** 5687

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.

## Supersedes date: \$29439467 of 72

# SAFETY DATA SHEET V 326 MEDIUM BLUE

## 1. Identification

Product identifier

Product name V 326 MEDIUM BLUE
Product number V 326 MEDIUM BLUE

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

## Classification of the substance 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 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 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.

# Supersedes date: \$2666 of 72

## **V 326 MEDIUM BLUE**

**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

## 5.Fire-fighting measures

#### Extinguishing media

#### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5693

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 345 LIGHT GREEN

## 1. Identification

Product identifier

Product name V 345 LIGHT GREEN

Product number V 345 LIGHT GREEN

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

## 2. Hazard(s) identification

## Classification of the substance 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 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 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

## 5.Fire-fighting measures

## Extinguishing media

#### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5702

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 353 DARK GREEN

## 1. Identification

Product identifier

Product name V 353 DARK GREEN
Product number V 353 DARK GREEN

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

## 2. Hazard(s) identification

## Classification of the substance 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 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 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

## 5.Fire-fighting measures

#### Extinguishing media

#### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5704

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 360 WHITE

## 1. Identification

Product identifier

Product name V 360 WHITE

Product number V 360 WHITE

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

## 2. Hazard(s) identification

## Classification of the substance 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 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 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

## 5.Fire-fighting measures

## Extinguishing media

#### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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)
Upper/lower flammability or

explosive limits

No information available.

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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5709

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 361 JET BLACK

## 1. Identification

Product identifier

Product name V 361 JET BLACK
Product number V 361 JET BLACK

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

## 2. Hazard(s) identification

## Classification of the substance 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 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 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

## 5.Fire-fighting measures

#### Extinguishing media

#### 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

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 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

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

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.

No specific eye protection required unless the "EYE PROTECTION" pictogram is shown Eye/face protection

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.

No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown Respiratory protection

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 No information available.

explosive limits

No information available. Vapour pressure

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 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 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 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.** 5710

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 366 TEDDY BEAR BROWN

# 1. Identification

Product identifier

Product nameV 366 TEDDY BEAR BROWNProduct numberV 366 TEDDY BEAR BROWN

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

### 2. Hazard(s) identification

# Classification of the substance 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 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 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

5.Fire-fighting measures

Extinguishing media

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

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 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

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

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.

No specific eye protection required unless the "EYE PROTECTION" pictogram is shown Eye/face protection

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.

No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown Respiratory protection

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 No information available.

explosive limits

No information available. Vapour pressure

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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5711

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 381 AMETHYST

# 1. Identification

Product identifier

Product name V 381 AMETHYST

Product number V 381 AMETHYST

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

# 2. Hazard(s) identification

# Classification of the substance 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 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 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

### 5.Fire-fighting measures

Extinguishing media

#### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5723

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 386 ELECTRIC BLUE

# 1. Identification

Product identifier

Product nameV 386 ELECTRIC BLUEProduct numberV 386 ELECTRIC BLUE

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

# 2. Hazard(s) identification

# Classification of the substance 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 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 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

5.Fire-fighting measures

Extinguishing media

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

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 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

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

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.

No specific eye protection required unless the "EYE PROTECTION" pictogram is shown Eye/face protection

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.

No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown Respiratory protection

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.

No information available. Vapour pressure

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 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 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 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 3/14/2016

Revision 7

 Supersedes date
 3/9/2016

 SDS No.
 5728

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 387 BRIGHT RED

# 1. Identification

Product identifier

Product name V 387 BRIGHT RED
Product number V 387 BRIGHT RED

Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

# 2. Hazard(s) identification

# Classification of the substance 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 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 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

### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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
Upper/lower flammability or No

explosive limits

No information available.

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 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 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 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 3/14/2016

Revision 7

Supersedes date 3/9/2016

**SDS No.** 5729

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 389 FLAME ORANGE

# 1. Identification

Product identifier

Application

Product nameV 389 FLAME ORANGEProduct numberV 389 FLAME ORANGE

Recommended use of the chemical and restrictions on use

Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc

6060 Guion Road Indianapolis, IN 46254-1222

Ceramic underglaze

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 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 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 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

5.Fire-fighting measures

Extinguishing media

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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 6-8

Melting point No information available.

Flash point No information available.

Evaporation rate No information available.

Flammability (solid, gas)

No information available.

Upper/lower flammability or

Initial boiling point and range

explosive limits

No information available.

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 TemperatureNo information available.ViscosityNo 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).

Acute toxicity - oral

ATE oral (mg/kg) 2,999.4

Acute toxicity - inhalation

ATE inhalation (dusts/mists

mg/l)

Skin corrosion/irritation

Skin sensitization
Skin sensitisation

Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

9.0

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 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 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 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 Silicate 1332-58-7, Feldspar 68476-25-5, Crystalline Silica

14808-60-7

Various Pigments

Revision date 3/14/2016

Revision 7

 Supersedes date
 3/9/2016

 SDS No.
 5731

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 391 INTENSE YELLOW

# 1. Identification

Product identifier

Product name V 391 INTENSE YELLOW
Product number V 391 INTENSE YELLOW
Recommended use of the chemical 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 number

**Emergency telephone** 1 317 244 6871 Mon-Fri, 0900-1700 EST

# 2. Hazard(s) identification

# Classification of the substance 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 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 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

### 5.Fire-fighting measures

### Extinguishing media

#### 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

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 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

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

Ingredient comments Only ingredients listed in 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.

**pH** 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).

Acute toxicity - oral

ATE oral (mg/kg) 2,999.4

Acute toxicity - inhalation

ATE inhalation (dusts/mists

mg/l)

9.0

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 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 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 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 Silicate 1332-58-7, Feldspar 68476-25-5, Crystalline Silica

14808-60-7

Various Pigments

Revision date 3/14/2016

Revision 7

 Supersedes date
 3/9/2016

 SDS No.
 5733

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.