

METS for #22448 - FC YOUNG ARTIST



Report No:	64318-100181
Date:	Oct 21, 2018
Page:	1 of 3
Lab Location:	SHANGHAI

## Faber-Castell Test Report

### Sample Photo:



# 64318-100181

#### Modern Testing Services Co., Ltd.

No. 105 Guangzhong Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C.201108

Tel: (86) 21-23509600 Fax: (86) 21-23509700 Email: info@mts-global.com Website: www.mts-global.com

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Lab Location:	SHANGHAI

## Faber-Castell Test Report

Applicant:	Faber-Castell
Attention:	Shella Attina
Address:	9450 Allen Drive. Cleveland, Ohio 44125

SAMPLE INFORMATION			
Sample Description:	Duo Tip Markers		
Style / Item No.:	NA	Quantity:	NA
Vendor:	Learder Art	Manufacture:	NA
Client requested Age Grade:	NA	Color:	NA
Labeled Age Grade	NA	P. O. / Order No.:	NA
Appropriate Age Grade:	NA	Country of Origin:	NA
Age Grade for Testing:	NA	Country of Destination:	NA
Submitted Documents:	NA		

TEST INFORMATION			
Sample Submitted by:	Vendor		
Testing Status:	NA	Previous Report No.:	NA
Date of Submission:	Oct 12, 2018		
Test Performance Dates:	Oct 12, 2018 – Oct 21, 2018		

EXECUTIVE SUMMARY	
The submitted sample(s) MEET the following requirements requested by the client:	
<ul style="list-style-type: none"> <li>- US SAFETY DATA SHEET</li> <li>- CANADA SAFETY DATA SHEET</li> <li>- EU SAFETY DATA SHEET</li> </ul>	

For and on behalf of  
Modern Testing Services Co., Ltd.

Gao Jian, David  
Assistant Manager, Toy Division

This Test Report is used by the Company subject to its General Conditions of Service printed overleaf. Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.  
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### Modern Testing Services Co., Ltd.

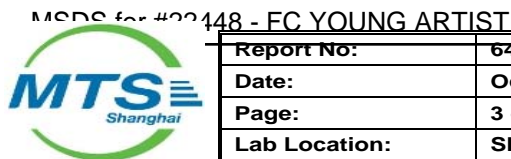
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Report No:	64318-100181
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Lab Location:	SHANGHAI

## Faber-Castell Test Report

### US SAFETY DATA SHEET

Please refer to the report dated October 17, 2018 which are issued by certified toxicologist, Jongsei Park (Ph.D.).

### CANADA SAFETY DATA SHEET

Please refer to the report dated October 17, 2018 which are issued by certified toxicologist, Jongsei Park (Ph.D.).

### EU SAFETY DATA SHEET

Please refer to the report dated October 17, 2018 which are issued by certified toxicologist, Jongsei Park (Ph.D.).

\*\*\*\*End of Test Report\*\*\*\*

### NOTE:

If there is question or concern regarding the above results, please contact us via email [gyin@mts-global.com](mailto:gyin@mts-global.com)

*This test report is governed by the Terms and Conditions, available on request or accessible at <http://www.mts-global.com/en/terms.html>. Attention is especially drawn to the limitations of liability, indemnification and jurisdictional provisions defined therein. This report is issued strictly based on the testing of the samples submitted by you. The test results in this report refer only to the sample(s) actually tested and do not refer or be deemed to refer to any bulk production from which such sample(s) may be said to have been obtained. In the event that MTS was requested to survey and test any bulk production quantity of samples, MTS, in the absence of any contrary written instructions, performed random sampling of bulk production for testing purposes. Variations in the conditions under which samples are stored, transported, etc., may lead to variations in the test results. MTS cannot anticipate and shall not be held responsible for variations in test results that may be due to factors beyond MTS' control, such as, sample cross-contamination, evaporation of volatile substances due to storage temperature, humidity, etc. This report does not constitute a recommendation, actual or implied, for any specific course of action. Other than the expressed warranties made in the Terms and Conditions of the MTS Test Request Form, MTS makes no warranties or representations either express or implied with respect to this report. In no circumstances whatsoever shall MTS be liable for any consequential, special or incidental damages arising out of, or in connection with, this report. As per regulation of China Metrology Accreditation (CMA), a report without CMA accreditation logo will not serve as testimonial to the public for the purpose defined by CMA regulations.*

### Modern Testing Services Co., Ltd.

No. 105 Guangzhong Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C.201108

Tel: (86) 21-23509600 Fax: (86) 21-23509700 Email: [info@mts-global.com](mailto:info@mts-global.com) Website: [www.mts-global.com](http://www.mts-global.com)

Item Numbers: 22448-1009

**1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Identified Uses: Art Material

**1.3 Details of the supplier of the safety data sheet**  
Company: Modern Testing Services, LLC  
349 Lenox Street  
Norwood, MA 02062, USA

Telephone: 1-508-638-1793  
Fax: 1-508-638-1759

**1.4 Details of the applicant of the safety data sheet**  
Company: Faber - Castell USA, Inc  
9450 Allen Drive  
Cleveland, Ohio 44125  
Contact: Shella Attina  
Telephone: 216-643-4660 X3030  
E-mail: shella@fabercastell.com  
Emergency Phone #: 216-643-4660 X3030

**SECTION 2 – HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**  
**GHS Classification in accordance with EC1907/2006, EC No. 1272/2008, EU 2015/830**

Acute toxicity: Not Classified  
Skin Irritation: Not Classified  
Eye Irritation: Not Classified  
Respiratory sensitization: Not Classified  
Skin sensitization: Not Classified  
Specific target organ toxicity: Not Classified

**2.2 GHS Label elements, including precautionary statements**  
Pictogram: Not Needed  
Signal Word: Not Needed  
Hazard Statement(s): Not Needed  
Precautionary Statement(s): Not Needed

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**  
None.

advice. Consult a physician.

**If inhaled**  
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**  
Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

**In case of eye contact**  
Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do not rub eyes and seek medical advice if irritation develops or persists.

**If swallowed**  
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**  
Under normal conditions of intended use, this product is not expected to be a health risk.

**4.3 Indication of any immediate medical attention and special treatment needed**  
No additional information available.

**SECTION 5 – FIREFIGHTING MEASURES**

**5.1 Extinguishing media**  
**Suitable extinguishing media**  
Use water spray, dry chemical, carbon dioxide, or chemical foam.

**5.2 Special hazards arising from the substance or mixture**  
No additional information available.

**5.3 Advice for firefighters**  
**Precautionary measures**  
Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.  
**Fire-fighting equipment/instructions**  
Exercise caution when fighting any chemical fire.  
**Protection during firefighting**  
Do not enter fire area without proper protective equipment, including respiratory protection.

**5.4 Further information**  
None.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**  
**General Measures**  
Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

**6.3**

Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal.

**6.4 Reference to other sections**

See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7 – HANDLING AND STORAGE**

**7.1**

**Precautions for safe handling**  
Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Open and handle container with care.

**7.2**

**Conditions for safe storage, including any incompatibilities**  
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from water or moisture.

**7.3**

**Specific end use(s)**  
No further information available.

**SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

**8.1**

**Control parameters**  
Not Known

**8.2**

**Exposure controls**  
**Appropriate engineering controls**  
None needed.

**Personal protective equipment**

**Eye/face protection**

Wear chemical splash goggles when handling this product. Have an eye wash station available.

**Skin protection**

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Gloves: Natural rubber, Neoprene, PVC or equivalent.

**Body protection**

Protective clothing is not required under normal conditions.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

a) Appearance	Solid
b) Colour	
c) Odour	Not known
d) Odour Threshold	Not known
e) pH	Not known
f) Melting point/freezing	Not known
g) Initial boiling point and boiling range	Not known
h) Flash point	Not known
i) Evaporation rate	Not known
j) Flammability (solid/gas)	Not known
k) Upper/lower flammability or explosive limits	Not known
l) Vapour pressure	Not known
m) Vapour density	Not known
n) Relative density	Not known
o) Water solubility	Not known
p) Partition coefficient: n-octanol/water	Not known
q) Auto-ignition temperature	Not known
r) Decomposition temperature	Not known
s) Viscosity	Not known
t) Explosive properties	Not known
u) Oxidizing properties	Not known

**9.2 Other safety information**

None.

**SECTION 10 – STABILITY AND REACTIVITY****10.1 Precautions for safe handling**

Not known.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**  
Not known.

**Skin corrosion/irritation**  
May cause skin irritation.

**Serious eye damage/eye irritation**  
May cause eye irritation.

**Respiratory or skin sensitisation**  
Not known.

**Germ cell mutagenicity**  
Not known.

**Carcinogenicity**

IARC: Not known.  
ACGIH: Not known.  
NTP: Not known.  
OSHA: Not known.

**Reproductive toxicity**

Not known.

**Specific target organ toxicity-single exposure**

Not known.

**Specific target organ toxicity-repeated exposure**

Not known.

**Aspiration hazard**

Not known.

**Additional information**

None.

**SECTION 12 – ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Avoid release to the environment.

**12.2 Persistence and degradability**

Not known.

Faber - Castell USA, Inc  
Duo Tip Markers  
64318-100181 C



NOT KNOWN:

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product**

Dispose of in a manner consistent with Federal, State and Local Regulations.

**Contaminated packaging**

Destroy at an authorized site. Follow general procedures consistent with Federal, State and Local Regulations.

**SECTION 14 – TRANSPORT INFORMATION**

**DOT (US)**

UN number: Not Assigned Class: Not Assigned Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IMDG**

UN number: Not Assigned Class: Not Assigned Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IATA**

UN number: Not Assigned Class: Not Assigned Packing group: Not Assigned  
Proper shipping name: Not Assigned

**SECTION 15 – REGULATORY INFORMATION**

**SARA 302 Components**

None are listed.

**SARA 313 Components**

None are listed.

**SARA 311/312 Hazards**

None are listed.

**Massachusetts Right To Know Components**

None.

**Pennsylvania Right To Know Components**

None.

**New Jersey Right To Know Components**

None.

**California Prop. 65 Components**

None.

Faber - Castell USA, Inc  
Duo Tip Markers  
64318-100181 C

Health hazard: 0  
Fire hazard: 0  
Reactivity hazard: 0

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

October 17, 2018

Faber - Castell USA, Inc

Duo Tip Markers

64318-100181 C

Identified Uses:

Art Material

**1.3 Details of the supplier of the safety data sheet**

Company: Modern Testing Services, LLC

349 Lenox Street

Norwood, MA 02062, USA

Telephone: 1-508-638-1793

Fax: 1-508-638-1759

**1.4 Details of the applicant of the safety data sheet**

Company: Faber - Castell USA, Inc

9450 Allen Drive

Cleveland, Ohio 44125

Contact: Shella Attina

Telephone: 216-643-4660 x3030

E-mail: shella@fabercastell.com

Emergency Phone #: 216-643-4660 x3030

**SECTION 2 – HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**GHS Classification in accordance with WHMIS 2015 of Canada**

Acute toxicity: Not Classified

Skin irritation: Not Classified

Eye irritation: Not Classified

Respiratory sensitization: Not Classified

Skin sensitization: Not Classified

Specific target organ toxicity: Not Classified

**2.2 GHS Label elements, including precautionary statements**

Pictogram: Not Needed

Signal Word: Not Needed

Hazard Statement(s): Not Needed

Precautionary Statement(s): Not Needed

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**

None.

Modern Testing Services, LLC

349 Lenox Street, Norwood MA 02062, USA

Tel: 508 638 1793 Fax: 508 638 1759 Website: www.mts-global.com

advice. Consult a physician.

**If inhaled**  
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**  
Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

**In case of eye contact**  
Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do not rub eyes and seek medical advice if irritation develops or persists.

**If swallowed**  
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**  
Under normal conditions of intended use, this product is not expected to be a health risk.

**4.3 Indication of any immediate medical attention and special treatment needed**  
No additional information available.

**SECTION 5 – FIREFIGHTING MEASURES**

**5.1 Extinguishing media**  
**Suitable extinguishing media**  
Use water spray, dry chemical, carbon dioxide, or chemical foam.

**5.2 Special hazards arising from the substance or mixture**  
No additional information available.

**5.3 Advice for firefighters**  
**Precautionary measures**  
Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.  
**Fire-fighting equipment/instructions**  
Exercise caution when fighting any chemical fire.  
**Protection during firefighting**  
Do not enter fire area without proper protective equipment, including respiratory protection.

**5.4 Further information**  
None.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**  
**General Measures**  
Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

- 6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7 – HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Open and handle container with care.

- 7.2 Conditions for safe storage, including any incompatibilities**  
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from water or moisture.

- 7.3 Specific end use(s)**  
No further information available.

**SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

- 8.1 Control parameters**  
Not Known

- 8.2 Exposure controls**  
**Appropriate engineering controls**  
None needed.

**Personal protective equipment**

**Eye/face protection**

Wear chemical splash goggles when handling this product. Have an eye wash station available.

**Skin protection**

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Gloves: Natural rubber, Neoprene, PVC or equivalent.

**Body protection**

Protective clothing is not required under normal conditions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance Solid
- b) Colour
- c) Odour Not known
- d) Odour Threshold Not known
- e) pH Not known
- f) Melting point/freezing Not known
- g) Initial boiling point and boiling range Not known
- h) Flash point Not known
- i) Evaporation rate Not known
- j) Flammability (solid/gas) Not known
- k) Upper/lower flammability or explosive limits Not known
- l) Vapour pressure Not known
- m) Vapour density Not known
- n) Relative density Not known
- o) Water solubility Not known
- p) Partition coefficient: Not known
  - n-octanol/water
- q) Auto-ignition temperature Not known
- r) Decomposition temperature Not known
- s) Viscosity Not known
- t) Explosive properties Not known
- u) Oxidizing properties Not known

9.2 Other safety information

None.

SECTION 10 – STABILITY AND REACTIVITY

10.1 Precautions for safe handling

Not known.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Not known.

**Acute toxicity**  
Not known.

**Skin corrosion/irritation**  
May cause skin irritation.

**Serious eye damage/eye irritation**  
May cause eye irritation.

**Respiratory or skin sensitisation**  
Not known.

**Germ cell mutagenicity**  
Not known.

**Carcinogenicity**

IARC: Not known.  
ACGIH: Not known.  
NTP: Not known.  
OSHA: Not known.

**Reproductive toxicity**

Not known.  
**Specific target organ toxicity-single exposure**  
Not known.

**Specific target organ toxicity-repeated exposure**  
Not known.

**Aspiration hazard**  
Not known.

**Additional information**  
None.

**SECTION 12 – ECOLOGICAL INFORMATION**

**12.1 Toxicity**  
Avoid release to the environment.

**12.2 Persistence and degradability**  
Not known.

**12.3 Bioaccumulative potential**  
Not known.

**Product**  
Dispose of in a manner consistent with Federal, State and Local Regulations.

**Contaminated packaging**  
Destroy at an authorized site. Follow general procedures consistent with Federal, State and Local Regulations.

**SECTION 14 – TRANSPORT INFORMATION**

**DOT (US)**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IMDG**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IATA**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**SECTION 15 – REGULATORY INFORMATION**

**SARA 302 Components**

None are listed.

**SARA 313 Components**

None are listed.

**SARA 311/312 Hazards**

None are listed.

**Massachusetts Right To Know Components**

None.

**Pennsylvania Right To Know Components**

None.

**New Jersey Right To Know Components**

None.

**California Prop. 65 Components**

None.



Health hazard: 0  
Fire hazard: 0  
Reactivity hazard: 0

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

A French version of this SDS can be provided upon request.

October 17, 2018

Identified Uses:

Art Material

**1.3 Details of the supplier of the safety data sheet**

Company: Modern Testing Services, LLC

349 Lenox Street

Norwood, MA 02062, USA

Telephone: 1-508-638-1793

Fax: 1-508-638-1759

**1.4 Details of the applicant of the safety data sheet**

Company: Faber - Castell USA, Inc

9450 Allen Drive

Cleveland, Ohio 44125

Contact: Shella Attina

Telephone: 216-643-4660 X3030

E-mail: shella@fabercastell.com

Emergency Phone #: 1-800-222-1222 (Poison Control)

**SECTION 2 – HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity: Not Classified

Skin Irritation: Not Classified

Eye Irritation: Not Classified

Respiratory sensitization: Not Classified

Skin sensitization: Not Classified

Specific target organ toxicity: Not Classified

**2.2 GHS Label elements, including precautionary statements**

Pictogram: Not Needed

Signal Word: Not Needed

Hazard Statement(s): Not Needed

Precautionary Statement(s): Not Needed

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**

None.

Modern Testing Services, LLC

349 Lenox Street, Norwood MA 02062, USA

Tel: 508 638 1793 Fax: 508 638 1759 Website: www.mts-global.com

advice. Consult a physician.

**If inhaled**  
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**  
Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

**In case of eye contact**  
Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do not rub eyes and seek medical advice if irritation develops or persists.

**If swallowed**  
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**  
Under normal conditions of intended use, this product is not expected to be a health risk.

**4.3 Indication of any immediate medical attention and special treatment needed**  
No additional information available.

**SECTION 5 – FIREFIGHTING MEASURES**

**5.1 Extinguishing media**  
**Suitable extinguishing media**  
Use water spray, dry chemical, carbon dioxide, or chemical foam.

**5.2 Special hazards arising from the substance or mixture**  
No additional information available.

**5.3 Advice for firefighters**  
**Precautionary measures**  
Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.  
**Fire-fighting equipment/instructions**  
Exercise caution when fighting any chemical fire.  
**Protection during firefighting**  
Do not enter fire area without proper protective equipment, including respiratory protection.

**5.4 Further information**  
None.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**  
**General Measures**  
Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

- 6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7 – HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Open and handle container with care.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from water or moisture.
- 7.3 Specific end use(s)**  
No further information available.

**SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

- 8.1 Control parameters**  
Not Known
- 8.2 Exposure controls**  
**Appropriate engineering controls**  
None needed.

**Personal protective equipment**

**Eye/face protection**  
Wear chemical splash goggles when handling this product. Have an eye wash station available.

**Skin protection**

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Gloves: Natural rubber, Neoprene, PVC or equivalent.

**Body protection**

Protective clothing is not required under normal conditions.

**Respiratory Protection**

No respirator is required under normal conditions of use.  
Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

- b) Colour Not known
- c) Odour Not known
- d) Odour Threshold Not known
- e) pH Not known
- f) Melting point/freezing Not known
- g) Initial boiling point and boiling range Not known
- h) Flash point Not known
- i) Evaporation rate Not known
- j) Flammability (solid/gas) Not known
- k) Upper/lower flammability or explosive limits Not known
- l) Vapour pressure Not known
- m) Vapour density Not known
- n) Relative density Not known
- o) Water solubility Not known
- p) Partition coefficient: Not known  
n-octanol/water
- q) Auto-ignition temperature Not known
- r) Decomposition temperature Not known
- s) Viscosity Not known
- t) Explosive properties Not known
- u) Oxidizing properties Not known

**9.2 Other safety information**  
None.

**SECTION 10 – STABILITY AND REACTIVITY**

**10.1 Precautions for safe handling**  
Not known.

**10.2 Chemical stability**  
Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**  
Not known.

**10.4 Conditions to avoid**  
Excessive heat, water and moisture.

NOT KNOWN.

**Skin corrosion/irritation**  
May cause skin irritation.

**Serious eye damage/eye irritation**  
May cause eye irritation.

**Respiratory or skin sensitisation**  
Not known.

**Germ cell mutagenicity**  
Not known.

**Carcinogenicity**

IARC: Not known.  
ACGIH: Not known.  
NTP: Not known.  
OSHA: Not known.

**Reproductive toxicity**

Not known.

**Specific target organ toxicity-single exposure**

Not known.

**Specific target organ toxicity-repeated exposure**

Not known.

**Aspiration hazard**

Not known.

**Additional information**

None.

**SECTION 12 – ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Avoid release to the environment.

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

Dispose of in a container consistent with Federal, State and Local Regulations.  
Contaminated packaging  
Destroy at an authorized site. Follow general procedures consistent with Federal, State and Local Regulations.

**SECTION 14 – TRANSPORT INFORMATION**

**DOT (US)**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IMDG**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IATA**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**SECTION 15 – REGULATORY INFORMATION**

**SARA 302 Components**

None are listed.

**SARA 313 Components**

None are listed.

**SARA 311/312 Hazards**

None are listed.

**Massachusetts Right To Know Components**

None.

**Pennsylvania Right To Know Components**

None.

**New Jersey Right To Know Components**

None.

**California Prop. 65 Components**

None.

Faber - Castell USA, Inc

Duo Tip Markers

64318-100181 A

Health hazard: 0  
Fire hazard: 0  
Reactivity hazard: 0

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

October 17, 2018

Faber - Castell USA, Inc  
Duo Tip Markers  
64318-100181 A





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**Faber-Castell  
Test Report**

**Sample Photo:**



**64316-050405**

**Modern Testing Services Co., Ltd.**

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Item Numbers: 22448-1009



Report No:	64316-050405
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## Faber-Castell Test Report

<b>Applicant:</b>	Faber-Castell
<b>Attention:</b>	Shella Attina
<b>Address:</b>	9450 Allen Dr. Cleveland, Ohio 44125

SAMPLE INFORMATION			
<b>Sample Description:</b>	Oil Pastels		
<b>Style / Item No.:</b>	NA	<b>Quantity:</b>	NA
<b>Vendor:</b>	T	<b>Manufacture:</b>	NA
<b>Client requested Age Grade:</b>	NA	<b>Color:</b>	NA
<b>Labeled Age Grade</b>	NA	<b>P. O. / Order No.:</b>	NA
<b>Appropriate Age Grade:</b>	NA	<b>Country of Origin:</b>	NA
<b>Age Grade for Testing:</b>	NA	<b>Country of Destination:</b>	NA
<b>Submitted Documents:</b>	NA		

TEST INFORMATION			
<b>Sample Submitted by:</b>	Vendor		
<b>Testing Status:</b>	NA	<b>Previous Report No.:</b>	NA
<b>Date of Submission:</b>	May 25, 2016		
<b>Test Performance Dates:</b>	May 25, 2016 – May 26, 2016		

EXECUTIVE SUMMARY	
The submitted sample(s) MEET the following requirements requested by the client:	
- US SAFETY DATA SHEET	

For and on behalf of  
**Modern Testing Services Co., Ltd.**

**Gao Jian, David**  
 Assistant Manager, Toy Division

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**TEST SUMMARY:**

**US SAFETY DATA SHEET**  
 In accordance with Occupational Safety and Health Act (1970)  
 Hazard Communication Standard 2012 (29 CFR 1910-1200) (HazCom 2012)  
 (Based on UN GHS/CLP)

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

- 1.1 Product Identifiers:**  
 Product Name: Oil Pastels  
 Brand: /  
 CAS-No.: /
  
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
 Identified Uses: Stationary
  
- 1.3 Details of the supplier of the safety data sheet**  
 Company: Modern Testing Services, LLC  
 244 Liberty Street  
 Brockton, MA 02301  
 USA  
  
 Telephone: 1-508-638-1793  
 Fax: 1-508-638-1759
  
- 1.4 Details of the applicant of the safety data sheet**  
 Company: Faber Castell USA Inc.  
 9450 Allen Drive  
 Cleveland, OH, 44125  
 Contact: Shella Attina  
 Telephone: (216) 643-4660  
 E-mail: shella@fabercastell.com  
  
 Emergency Phone #: 1-800-222-1222 (Poison Control)

**SECTION 2 – HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture**  
**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**  
 Acute toxicity: Not Classified  
 Skin irritation: Not likely due to physical form.  
 Eye irritation: Not likely due to physical form.  
 Respiratory sensitization: Not Classified  
 Skin sensitization: Not Classified  
 Specific target organ toxicity: Not Applicable

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## Faber-Castell Test Report

**TEST SUMMARY:**

---

**SECTION 2 – HAZARDS IDENTIFICATION (continued)**

- 2.2 GHS Label elements, including precautionary statements**
- Pictogram  
Not Classified
- Signal Word: Not Classified  
 Hazard Statement(s): Not Classified  
 Precautionary Statement(s): Not Classified  
 Pictogram  
Not Classified
- Signal Word: Not Classified  
 Hazard Statement(s): Not Classified  
 Precautionary Statement(s): Not Classified
- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**  
 Not Classified

---

**SECTION 3 – COMPOSITION ON INGREDIENTS**

- 3.1 Substances**  
 This is a final manufactured product.

---

**SECTION 4 – FIRST AID MEASURES**

- 4.1 Description of first aid measures**
- General advice**  
 Follow general precautionary measures.
- If inhaled**  
 Not Applicable.
- In case of skin contact**  
 In case of eye contact (which is very unlikely due to nature of the product), remove contaminated clothing and wash skin with soap and water.
- In case of eye contact**  
 In case of eye contact (which is very unlikely due to nature of the product), immediately flush with water for up to 15 minutes. Remove and contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.
- If swallowed**  
 Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
- 4.2 Most important symptoms and effects, both acute and delayed**  
 Not Classified
- 4.3 Indication of any immediate medical attention and special treatment needed**  
 Not Classified
- 4.4 General information**  
 Not Classified

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## Faber-Castell Test Report

**TEST SUMMARY:**

---

**SECTION 5 – FIREFIGHTING MEASURES**

- 5.1 Extinguishing media**  
**Suitable extinguishing media**  
 Water. Foam. Dry powder. Carbon dioxide (CO2).
- 5.2 Special hazards arising from the substance or mixture**  
 No particular hazards.
- 5.3 Advice for firefighters**  
**Selection of respiratory protection for firefighting**  
 Follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
**Fire-fighting equipment/instructions**  
 Use standard firefighting procedures and consider the hazards of other involved materials.  
**Specific methods**  
 Cool material exposed to heat with water spray and remove it if no risk is involved.
- 5.4 Further information**  
 None.

---

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures**  
**General Measures**  
 Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.  
**For Non-Emergency Personnel**  
 Protective Equipment: Use appropriate personal protection equipment (PPE).  
 Emergency Procedures: Evacuate unnecessary personnel.  
**For Emergency Personnel**  
 Protective Equipment: Equip cleanup crew with proper protection.  
 Emergency Procedures: Ventilate area.
- 6.2 Environmental precautions**  
 Do not allow to enter drains, sewers or water courses.
- 6.3 Methods and materials for containment and cleaning up**  
 Clean up in accordance with all applicable regulations. Remove sources of ignition. Absorb spillage with non-combustible, absorbent material. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.
- 6.4 Reference to other sections**  
 See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

---

**SECTION 7 – HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
 Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes. Avoid ingestion and inhalation.
- 7.2 Conditions for safe storage, including any incompatibilities**  
 Store in a cool, dry place. Keep container closed when not in use.
- 7.3 Specific end use(s)**  
 No further information available.

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**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

None.

**8.2 Exposure controls**

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

**Personal protective equipment**

**Eye/face protection**

Wear chemical goggles.

**Skin and body protection**

Not known.

**Hand protection**

Not known.

**Respiratory Protection**

Wear self-inhalation filter-type dust respirator..

**Control of environmental exposure**

No information found.

**Hygiene measures**

Wash contaminated clothing before use.

---

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

- |   |           |
|---|-----------|
| a) Appearance                                   | Solid     |
| b) Colour                                       | Mixture   |
| c) Odour  | None      |
| d) Odour Threshold                              | Not known |
| e) pH   | Not known |
| f) Melting point/freezing                       | Not known |
| g) Initial boiling point and boiling range      | Not known |
| h) Flash point                                  | Not known |
| i) Evaporation rate                             | Not known |
| j) Flammability (solid/gas)                     | Not known |
| k) Upper/lower flammability or explosive limits | Not known |
| l) Vapour pressure                              | Not known |
| m) Vapour density                               | Not known |
| n) Relative density                             | Not known |
| o) Water solubility                             | Not known |
| p) Partition coefficient: n-octanol/water       | Not known |
| q) Auto-ignition temperature                    | Not known |
| r) Decomposition temperature                    | Not known |

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES (continued)**

- |                         |           |
|-------------------------|-----------|
| s) Viscosity            | Not known |
| t) Explosive properties | Not known |
| u) Oxidizing properties | Not known |

**9.2 Other safety information**  
None.

---

**SECTION 10 – STABILITY AND REACTIVITY**

- 10.1 Precautions for safe handling**  
Not known.
- 10.2 Chemical stability**  
Stable under normal temperature conditions.
- 10.3 Possibility of hazardous reactions**  
Hazardous chemical reaction does not occur.
- 10.4 Conditions to avoid**  
Not Available.
- 10.5 Incompatible materials**  
Not Available.
- 10.6 Hazardous decomposition products**  
At thermal decomposition temperature, carbon monoxide and carbon dioxide.

---

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**  
Not known.

**Skin corrosion/irritation**  
May cause skin irritation.

**Serious eye damage/eye irritation**  
May cause eye irritation.

**Respiratory or skin sensitisation**  
Not known.

**Germ cell mutagenicity**  
Not known.

**Carcinogenicity**

- |        |            |
|--------|------------|
| IARC:  | Not known. |
| ACGIH: | Not known. |
| NTP:   | Not known. |
| OSHA:  | Not known. |

**Reproductive toxicity**  
Not known.

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## Faber-Castell Test Report

**TEST SUMMARY:**

---

**SECTION 11 – TOXICOLOGICAL INFORMATION (continued)**

**Specific target organ toxicity-single exposure**  
Not known.

**Specific target organ toxicity-repeated exposure**  
Not known.

**Aspiration hazard**  
Not known.

**Additional information**  
None.

---

**SECTION 12 – ECOLOGICAL INFORMATION**

- 12.1 Toxicity**  
Not known.
- 12.2 Persistence and degradability**  
Not known.
- 12.3 Bioaccumulative potential**  
Not known.
- 12.4 Mobility in soil**  
Not known.
- 12.5 Results of PBT and vPvB assessment**  
Not known.
- 12.6 Other adverse effects**  
Not known.

---

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product**  
Disposal of waste and residues in accordance with local authority requirements.

**Contaminated packaging**  
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

---

**SECTION 14 – TRANSPORT INFORMATION**

**DOT (US)**  
UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IMDG**  
UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

**IATA**  
UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
Proper shipping name: Not Assigned

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## Faber-Castell Test Report

**TEST SUMMARY:**

---

**SECTION 15 – REGULATORY INFORMATION**

**SARA 302 Components**  
None are listed.

**SARA 313 Components**  
None are listed.

**SARA 311/312 Hazards**  
None are listed.

**Massachusetts Right To Know Components**  
None.

**Pennsylvania Right To Know Components**  
None.

**New Jersey Right To Know Components**  
None.

**California Prop. 65 Components**  
None.

---

**SECTION 16 – OTHER INFORMATION**

**Full text of R and H-Statements referred to under sections 2 and 3**  
None.

**HMIS Rating**

Health hazard:	0
Chronic health hazard:	0
Flammability:	0
Physical hazard:	0

**NFPA Rating**

Health hazard:	0
Fire hazard:	0
Reactivity hazard:	0

**Further information**  
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

\*\*\*\*End of Test Report\*\*\*\*

---

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**Faber-Castell  
Test Report**

**NOTE:**

If there is question or concern regarding the above results, please contact us via email [vshi@mts-global.com](mailto:vshi@mts-global.com)

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**Faber-Castell  
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**Sample Photo:**



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## Faber-Castell Test Report

<b>Applicant:</b>	Faber-Castell
<b>Attention:</b>	Shella Attina
<b>Address:</b>	9450 Allen Dr. Cleveland, Ohio 44125

SAMPLE INFORMATION			
<b>Sample Description:</b>	Grip/Color/Watercolor Pencils		
<b>Style / Item No.:</b>	NA	<b>Quantity:</b>	NA
<b>Vendor:</b>	Faber-Castell Indonesia	<b>Manufacture:</b>	NA
<b>Client requested Age Grade:</b>	NA	<b>Color:</b>	NA
<b>Labeled Age Grade</b>	NA	<b>P. O. / Order No.:</b>	NA
<b>Appropriate Age Grade:</b>	NA	<b>Country of Origin:</b>	NA
<b>Age Grade for Testing:</b>	NA	<b>Country of Destination:</b>	NA
<b>Submitted Documents:</b>	NA		

TEST INFORMATION			
<b>Sample Submitted by:</b>	Vendor		
<b>Testing Status:</b>	NA	<b>Previous Report No.:</b>	NA
<b>Date of Submission:</b>	Oct 30, 2015		
<b>Test Performance Dates:</b>	Oct 30, 2015 – Nov 04, 2015; Nov 26, 2015 – Dec 03, 2015		

EXECUTIVE SUMMARY	
The submitted sample(s) MEET the following requirements requested by the client:	
- US SAFETY DATEA SHEET	

For and on behalf of  
**Modern Testing Services Co., Ltd.**

**Gao Jian, David**  
 Assistant Manager, Toy Division

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## Faber-Castell Test Report

**TEST SUMMARY:**

---

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

- 1.1 Product Identifiers:**  
 Product Name: GRIP / COLOR / WATER COLOR PENCILS  
 Brand: /  
 CAS-No.: /
  
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
 Identified Uses: Arts and Crafts
  
- 1.3 Details of the supplier of the safety data sheet**  
 Company: Modern Testing Services, LLC  
 244 Liberty Street  
 Brockton, MA 02301  
 USA  
  
 Telephone: 1-508-638-1793  
 Fax: 1-508-638-1759
  
- 1.4 Details of the applicant of the safety data sheet**  
 Company: Faber Castell USA Inc.  
 9450 Allen Drive  
 Cleveland, OH, 44125  
 Contact: Shella Attina  
 Telephone: (216) 643-4660  
 E-mail: shella@fabercastell.com  
  
 Emergency Phone #: 1-800-222-1222 (Poison Control)

---

**SECTION 2 – HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture**  
**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**  
 Acute toxicity: Not Classified  
 Skin irritation: Not Classified  
 Eye irritation: Not Classified  
 Respiratory sensitization: Not Classified  
 Skin sensitization: Not Classified  
 Specific target organ toxicity: Not Classified

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## Faber-Castell Test Report

**TEST SUMMARY:**

**SECTION 2 – HAZARDS IDENTIFICATION (continued)**

**2.2 GHS Label elements, including precautionary statements**

Pictogram: Not Needed

Signal Word: Not Needed  
 Hazard Statement(s): Not Needed  
 Precautionary Statement(s): Not Needed  
 Pictogram: Not Needed

Signal Word: Not Needed  
 Hazard Statement(s): Not Needed  
 Precautionary Statement(s): Not Needed

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**  
 None.

**SECTION 3 – COMPOSITION ON INGREDIENTS**

**3.1 Substances**

This is a final manufactured product of pencils in 96 colors (Colors: [White (301: Permanent Type), Zinc Yellow (304: Permanent Type), Lemon (307: Permanent Type), Orange Yellow (309: Permanent Type), Dark Orange (314: Permanent Type), Cinnabar Light (316: Permanent Type), Scarlet Light (318: Permanent Type), Light Geranium Red (321: Permanent Type), Dark Carmine (326: Permanent Type), Light Carmine (327: Permanent Type), Pink Madder Lake (329: Permanent Type), Dark Magenta (325: Permanent Type), Light Magenta (319: Permanent Type), Orchid (334: Permanent Type), Light Flesh (330: Permanent Type), Dark Flesh (332: Permanent Type), Wine Red (333: Permanent Type), Red Violet (335: Permanent Type), Light Violet (339: Permanent Type), Blue Violet (337: Permanent Type), Delft Blue (341: Permanent Type), Light Cobalt Blue (344: Permanent Type), Deep Cobalt Blue (343: Permanent Type), Light Phthalo Blue (345: Permanent Type), Prussian Blue (351: Permanent Type), Oriental Blue (349: Permanent Type), Peacock Blue (353: Permanent Type), Aquamarine (354: Permanent Type), Prussian Green (357: Permanent Type), Viridian (361: Permanent Type), Tree Green (362: Permanent Type), Emerald Green (363: Permanent Type), Grass Green (366: Permanent Type), Hookers Green (359: Permanent Type), Apple Green (370: Permanent Type), Grey Green (372: Permanent Type), Olive Green (373: Permanent Type), Van Dyck Brown (376: Permanent Type), Raw Amber (380: Permanent Type), Gold Ochre (383: Permanent Type), Nougat (378: Permanent Type), Burnt Ochre (387: Permanent Type), Indian Red (392: Permanent Type), Cool Light Grey (395: Permanent Type), Cool Silver Grey (396: Permanent Type), Cool Dark Grey (397: Permanent Type), Black (399: Permanent Type), Silver (348: Permanent Type), and Gold (352: Permanent Type)] [White (401: Water Soluble Type), Zinc Yellow (404: Water Soluble Type), Lemon (407: Water Soluble Type), Orange Yellow (409: Water Soluble Type), Dark Orange (414: Water Soluble Type), Cinnabar Light (416: Water Soluble Type), Scarlet Light (418: Water Soluble Type), Light Geranium Red (421: Water Soluble Type), Dark Carmine (426: Water Soluble Type), Light Carmine (427: Water Soluble Type), Pink Madder Lake (429: Water Soluble Type), Dark Magenta (425: Water Soluble Type), Light Magenta (419: Water Soluble Type), Orchid (434: Water Soluble Type), Light Flesh (430: Water Soluble Type), Dark Flesh (432: Water Soluble Type), Wine Red (433: Water Soluble Type), Red Violet (435: Water Soluble Type), Light Violet (439: Water Soluble Type), Blue Violet (437: Water Soluble Type), Delft Blue (441: Water Soluble Type), Light Cobalt Blue (444: Water Soluble Type), Deep Cobalt Blue (443: Water Soluble Type), Light Phthalo Blue (445: Water Soluble Type), Prussian Blue (451: Water Soluble Type), Oriental Blue (449: Water Soluble Type), Peacock Blue (453: Water Soluble Type), Aquamarine (454: Water Soluble Type), Prussian Green (457: Water Soluble Type), Viridian (461: Water Soluble Type), Tree Green (462: Water Soluble Type), Emerald Green (463: Water Soluble Type), Grass Green (466: Water Soluble Type), Hookers Green (459: Water Soluble Type), Apple Green (470: Water Soluble Type), Grey Green (472: Water Soluble Type), Olive Green (473: Water Soluble Type), Van Dyck Brown (476: Water Soluble Type), Raw Amber (480: Water Soluble Type), Gold Ochre (483: Water Soluble Type), Nougat (478: Water Soluble Type), Burnt Ochre (487: Water Soluble Type), Indian Red (492: Water Soluble Type), Cool Light Grey (495: Water Soluble Type), Cool Silver Grey (496: Water Soluble Type), Cool Dark Grey (497: Water Soluble Type), Black (499: Water Soluble Type), Silver (448: Water Soluble Type), and Gold (452: Water Soluble Type)])

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**SECTION 4 – FIRST AID MEASURES**

**4.1 Description of first aid measures**

**General advice**

This product is not expected to produce any unusual hazards during normal use.

**If inhaled**

Not a probable scenario.

**In case of skin contact**

Wash with water and soap and rinse thoroughly after use.

**In case of eye contact**

Do not rub eyes. Flush thoroughly with water for at least 15 minutes. If irritation occurs, get medical assistance.

**If swallowed**

If ingested, may result in stomach and intestinal blockage. Drinking gelatin solutions or large volumes of water may delay setting. Consult physician.

**4.2 Most important symptoms and effects, both acute and delayed**

Under normal conditions of intended use, this product is not expected to be a health risk. Dust may irritate throat and respiratory system and cause coughing.

**4.3 Indication of any immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically.

**4.4 General information**

Ensure that medical personnel are aware of the material(s) involved.

---

**SECTION 5 – FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Not expected to burn. Use extinguishing media appropriate for surrounding fire.

**5.2 Special hazards arising from the substance or mixture**

Not a fire hazard.

**5.3 Advice for firefighters**

**Selection of respiratory protection for firefighting**

Follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions**

Use standard firefighting procedures and consider the hazards of other involved materials.

**Specific methods**

Cool material exposed to heat with water spray and remove it if no risk is involved.

**5.4 Further information**

None.



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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures**  
**General Measures**  
 Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes.  
**For Non-Emergency Personnel**  
 Protective Equipment: Use appropriate personal protection equipment (PPE).  
 Emergency Procedures: Evacuate unnecessary personnel.  
**For Emergency Personnel**  
 Protective Equipment: Equip cleanup crew with proper protection.  
 Emergency Procedures: Ventilate area.
- 6.2 Environmental precautions**  
 Avoid discharge to drains, sewers, and other water systems.
- 6.3 Methods and materials for containment and cleaning up**  
 Collect in approved containers and seal securely.
- 6.4 Reference to other sections**  
 See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

**SECTION 7 – HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
 Minimize dust production when handling. Avoid inhalation of dust. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.
- 7.2 Conditions for safe storage, including any incompatibilities**  
 Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Avoid contact with acids, water, and moisture. Protect product bags or containers from physical damage and weather. Keep bags or other containers tightly closed to prevent moisture contact.
- 7.3 Specific end use(s)**  
 No further information available.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Control parameters**  
 None.
- 8.2 Exposure controls**  
**Appropriate engineering controls**  
 Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.  
**Personal protective equipment**  
**Eye/face protection**  
 Eye protection is not required under normal usage.  
**Skin and body protection**  
 Skin and body protection is not required under normal usage. Wash with water and soap and rinse thoroughly after use.  
**Hand protection**  
 Hand protection is not required under normal usage. Wash with water and soap and rinse thoroughly after use.

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**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Respiratory Protection**

Respiratory protection is not required under normal usage.

**Control of environmental exposure**

None.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from foodstuffs, beverages and food.

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

- |   |                                   |
|---|-----------------------------------|
| a) Appearance                                   | Solid                             |
| b) Colour                                       | Assorted (Please see section 3.1) |
| c) Odour  | None                              |
| d) Odour Threshold                              | Not known                         |
| e) pH   | Not known                         |
| f) Melting point                                | Not known                         |
| g) Initial boiling point and boiling range      | Not known                         |
| h) Flash point                                  | Not known                         |
| i) Evaporation rate                             | Not known                         |
| j) Flammability (solid/gas)                     | Not known                         |
| k) Upper/lower flammability or explosive limits | Not known                         |
| l) Vapour pressure                              | Not known                         |
| m) Vapour density                               | Not known                         |
| n) Relative density                             | Not known                         |
| o) Water solubility                             | Not soluble                       |
| p) Partition coefficient: n-octanol/water       | Not known                         |
| q) Auto-ignition temperature                    | Not known                         |
| r) Decomposition temperature                    | Not known                         |
| s) Viscosity                                    | Not known                         |
| t) Explosive properties                         | Not known                         |
| u) Oxidizing properties                         | Not known                         |

**9.2 Other safety information**

None.

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**SECTION 10 – STABILITY AND REACTIVITY**

- 10.1 Precautions for safe handling**  
Not known.
- 10.2 Chemical stability**  
Stable at ambient temperatures and under normal conditions.
- 10.3 Possibility of hazardous reactions**  
Hazardous polymerization does not occur.
- 10.4 Conditions to avoid**  
Contact with acids, water, high humidity.
- 10.5 Incompatible materials**  
Acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat. Contact with hot materials.
- 10.6 Hazardous decomposition products**  
None.

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

- 11.1 Information on toxicological effects**
  - Acute toxicity**  
Not known
  - Skin corrosion/irritation**  
May cause skin irritation.
  - Serious eye damage/eye irritation**  
Eye irritation is unlikely.
  - Respiratory or skin sensitisation**  
Not known.
  - Germ cell mutagenicity**  
Not known.
  - Carcinogenicity**
    - IARC: Not known.
    - ACGIH: Not known.
    - NTP: Not known.
    - OSHA: Not known.
  - Reproductive toxicity**  
Not known.
  - Specific target organ toxicity-single exposure**  
Not known.
  - Specific target organ toxicity-repeated exposure**  
Not known.
  - Aspiration hazard**  
Not known.
  - Additional information**  
None.

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**SECTION 12 – ECOLOGICAL INFORMATION**

- 12.1 Toxicity**  
Avoid release to the environment.
- 12.2 Persistence and degradability**  
Not known.
- 12.3 Bioaccumulative potential**  
Not known.
- 12.4 Mobility in soil**  
Not known.
- 12.5 Results of PBT and vPvB assessment**  
Not known.
- 12.6 Other adverse effects**  
Not known.

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**SECTION 13 – DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product**

Dispose of in a manner consistent with Federal, State and Local Regulations.

**Contaminated packaging**

Destroy at an authorized site. Follow general procedures consistent with Federal, State and Local Regulations.

---

**SECTION 14 – TRANSPORT INFORMATION**

**DOT (US)**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
 Proper shipping name: Not Assigned

**IMDG**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
 Proper shipping name: Not Assigned

**IATA**

UN number: Not Assigned    Class: Not Assigned    Packing group: Not Assigned  
 Proper shipping name: Not Assigned

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**SECTION 15 – REGULATORY INFORMATION**

- SARA 302 Components**  
None are listed.
- SARA 313 Components**  
None are listed.
- SARA 311/312 Hazards**  
None are listed.
- Massachusetts Right To Know Components**  
None.
- Pennsylvania Right To Know Components**  
None.
- New Jersey Right To Know Components**  
None.
- California Prop. 65 Components**  
None.

**SECTION 16 – OTHER INFORMATION**

**Full text of R and H-Statements referred to under sections 2 and 3**  
None.

**HMIS Rating**  
 Health hazard: 0  
 Chronic health hazard: 0  
 Flammability: 0  
 Physical hazard: 0

**NFPA Rating**  
 Health hazard: 0  
 Fire hazard: 0  
 Reactivity hazard: 0

**Further information**  
 The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

\*\*\*\*End of Test Report\*\*\*\*

**NOTE:**

If there is question or concern regarding the above results, please contact us via email [vshi@mts-global.com](mailto:vshi@mts-global.com)

*The testing lab overall rating is provided to client as an aid in reviewing report data. The rating is based on lab results. Final product acceptance or rejection is per client only. Testing of vendor's merchandise by client is not a substitute for vendor's own testing and other quality assurance related obligations in connection with its sale of merchandise to client. Client testing shall not limit client's rights, or diminish or remove any of vendor's responsibilities.*

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