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Dear Educator,

This file contains the Safety Data Sheets (SDS) for FOSS PEBBLES, SAND, & SILT, 3<sup>rd</sup> Edition as of July 24, 2017.

Because kit contents can sometimes be replaced, we recommend searching our online portal of SDS for current sheets as you need them. To make that searching easier, we have provided a listing below of the items with SDS in this kit.

Portal: http://www.schoolspecialty.com/sds

Part Number to Search	Item Description
031-9440	Clay, potters clay
032-3168	Clay, powdered, box, 0.45 kg/box (1 lb.)

Note: The part numbers to search for in the portal are often not the same part numbers used to order replacements. To order replacements, please visit www.deltaeducation.com/refillcenter

If you have any questions, please contact Customer Care at 800-258-1302 for assistance.



# **Section 1: IDENTIFICATION**

Name, address, telephone number and emergency telephone number of the manufacturer:

Standard Ceramic Supply Company for Sculpture House, Inc 24 Chestnut Street / P.O. Box 16240 Carnegie, PA 15106-2028

**Telephone / Emergency Telephone Number: 412-276-6333** 

Product Identifier used on the label: Sculpture House HUGO 510 , Standard Buff 514

Recommended use of product: Ceramic ware

## Section 2: HAZARDS IDENTIFICATION

Hazard classification of chemical: Miscellaneous

Hazard Statement(s): Contains silica dust.

Precautionary statement(s): Not harmful in moist form.

# **Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS NUMBER	% OF FORMULA	
Kaolin/Clay	1332-58-7	0% - 50%	
Silicon Dioxide	14808-60-7	0% - 30%	
Feldspar	68476-25-5	0% - 10%	
Mullite	1302-93-8	0% - 10%	
Water	7732-18-5		

# **Section 4: FIRST-AID MEASURES**

**DESCRIPTION OF FIRST-AID MEASURES** 

Ingestion: Contact a physician immediately.



Inhalation: May cause irritation; remove from exposure.

Skin Contact: May cause irritation; rinse skin with soap and water.

Eye Contact: May cause irritation; flush eyes with water for at least 15 minutes. If irritation

continues afterwards, contact a physician.

# **Section 5: FIRE-FIGHTING MEASURES**

# EXTINGUISHING MEDIA

Suitable extinguishing media: None

## SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Protective equipment for firefighters: None

**Special firefighting procedures: None** 

# **Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment, and/or Emergency Procedures: None

**Environmental Precautions: None** 

Methods and Materials for Containment and Clean up: Clean up any wet spills or clay slop with a damp sponge. For dry spills, spray with water and use a damp sponge to clean up.

**Special Spill Response Procedures: None** 

## Section 7: HANDLING AND STORAGE

**Precautions for Safe Handling and Use: None** 

**Conditions for Safe Storage: None** 

**Incompatible Materials: None** 

# Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## **EXPOSURE LIMITS**

Ingredients	OSHA PEL	ACGIH TLV
Kaolin/Clay	N/A	N/A



Silicon Dioxide	6mg/m3	3mg/m3	
Feldspar	N/A	N/A	
Mullite	15mg/m3	10mg/m3	
Water	N/A	N/A	

## **EXPOSURE CONTROLS**

Ventilation and engineering measures: None

Respiratory protection: Use a NIOSH approved respirator.

Skin protection: Wear appropriate protective clothing such as overalls, smocks, and aprons.

**Eye/face protection: None** 

Hygienic Practices: Food, beverages, and smoking materials should not be in work area. Employees should wash hands thoroughly before eating, drinking, or smoking.

# Section 9: PHYSICAL/CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Solid

Upper/lower flammability or explosive limits: None
Odor: None

Vapor pressure: N/A

Odor threshold : Negligible

Vapor density: N/A

pH: N/A

Relative density: N/A

Freezing point: N/A

Solubility(ies) N/A

Initial boiling point and boiling range: N/A



Flash Point:

Evaporation rate:

N/A

Flammability (solid gas)

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

N/A

Decomposition temperature:

N/A

None

Viscosity:

N/A

# **Section 10: STABILITY / REACTIVITY**

Reactivity: N/A

**Chemical stability: Stable** 

Possibility of hazardous reactions: None

**Conditions to avoid: None** 

**Incompatible materials: None** 

Hazardous decomposition products: N/A

# **Section 11: TOXICOLGICAL INFORMATION**

# INFORMATION ON LIKELY ROUTES OF EXPOSURE

Routes of Entry: Inhalation is the most important during excessive handling of clay.

POTENTIAL HEALTH EFFECTS, Signs and symptoms of short-term (acute) exposure

Sign and symptoms inhalation: Coughing or irritation may occur.

Sign and symptoms ingestion: Sickness or irritation may occur.

Sign and symptoms skin: Redness or irritation may occur.

Sign and symptoms eyes: Redness or irritation may occur.

Potential chronic health effects: These mixtures contain silica, which can cause Silicosis through inhalation over an extended period of time. Overexposure to silica may also result in injury to the lungs.



Carcinogenicity: Silica (Quartz) is a human carcinogen.

Toxicological data: These products conform to 16 CFR 1500.14 (LHAMA) and ASTM-4236. They have been certified by an independent, 3<sup>rd</sup> party toxicologist to be NON-TOXIC.

# Section 12: ECOLOGICAL INFORMATION (non-mandatory)

**Eco toxicity: None** 

Persistence and degradability: Yes

**Bioaccumulation potential: No** 

Mobility in soil: No

Other adverse environmental effects: None

# Section 13: DISPOSAL CONSIDERATIONS (non-mandatory)

**Handling for Disposal: None** 

**Methods of Disposal: None** 

# Section 14: TRANSPORT INFORMATION (non-mandatory)

**UN Shipping Name: N/A** 

**UN Number: N/A** 

**Environmental Hazard: None** 

**Packing Group: None** 

Transportation Hazard Class: N/A

**Special Precautions: None** 

**NOT DANGEROUS FOR TRANSPORT** 

# Section 15: REGULATORY INFORMATION (non-mandatory)

Silica (Quartz) is listed by California, Proposition 65, as a carcinogen.

Silica (Quartz) is listed on the IARC, OSHA, and NTP carcinogen list.

All ingredients are on U.S. TSCA Inventory.



All products listed in this SDS conform to ASTM-4236 standards. Materials have been evaluated under the provisions of 16 CFR 1500.14 of the Labeling of Hazardous Art Material Act. These products have been listed as non-toxic and non-flammable under proposed use conditions. No specific warning is required.

# **Section 16: OTHER INFORMATION**

This information is furnished with out warranty, representation, inducement or license or any kind, except that it is accurate to the best of knowledge of Standard Ceramic Supply Company or obtained from other references and sources believed to be accurate.

Sculpture House, Inc. does not assume any legal responsibility for use or reliance on our products. Customers are encouraged to conduct their own tests before using any product. Read all product labels prior to handling.

Preparation date: 01/22/2016



Date Prepared: 04-Nov-2013 Revised: New Issue SDS ID: TN #5\_GHS\_001 **HMIS Ratings** 

Health Hazard	2
Fire Hazard	0
Reactivity Hazard	0
Max. Personal Protection	E



## **SAFETY DATA SHEET**

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product trade name(s):

Common Name(s):

Tennessee #5
Ball Clay, Kaolinitic Clay

Chemical Formula:

Al<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>(OH)<sub>4</sub> 999999-99-4

CAS Number: Physical Form:

Light gray to brown solid

Recommended Uses:

Non-exhaustive list: Ceramics, ceramic glazes, porcelain insulators, gypsum wallboard,

ceiling tile, coal tar sealing emulsions

Restrictions on Use:

Food ingredient, cosmetic ingredient, agricultural feed, pesticide

Manufacturer's Name & Address:

Kentucky-Tennessee Clay Company

Telephone:

770-594-0660

100 Mansell Court East

Suite 300

Fax: Customer Service: 770-645-3460 800-814-4538

Roswell, GA 30076

**Emergency Telephone:** 

For Chemical Emergency Call CHEMTREC (24 hours): 1-800-424-9300

(US, Canada, Puerto Rico, Virgin Islands)

1-703-527-3887 (Outside Above Area) collect calls accepted

## **SECTION 2: HAZARDS IDENTIFICATION**

# Contains Crystalline Silica ≥1% ≤10% Respirable

Classification:

Eye Damage/Irritation Skin Corrosion/Irritation Category 2 Category 2

Specific Target Organ Toxicity - Single Exposure Specific Target Organ Toxicity - Repeated Exposure Category 3 - Respiratory Category 1 - Respiratory

Category 1a

Label Elements:



Carcinogenicity

Signal Word: WARNING

**Hazard Statements:** 

H373: May cause damage to lung through prolonged or repeated inhalation.

**Precautionary Statements:** 

P260: Do not breathe dust.

**P285**: In case of inadequate ventilation wear respiratory protection. **P501**: Dispose of contents/containers in accordance with local regulation.

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Product Name: **Tennessee #5**SDS ID: TN #5\_GHS\_001

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Weight % (Approx.)	CAS N°	EINECS N°
Kaolin	60% - 90%	1332-58-7	310-194-1
Quartz - Crystalline Silica	10% - 30%	14808-60-7	238-878-4
Titanium Dioxide	1% - 5%	13463-67-7	136-675-5
Water	1% - 20%	7732-18-5	215-185-5

#### SECTION 4: FIRST AID MEASURES

### Inhalation

If adverse effects occur, get immediate medical attention. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial

#### Skin

Wash immediately with soap and water. Get medical attention if irritation develops or persists.

### Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

## Ingestion

DO NOT induce vomiting. If swallowed, drink plenty of water, do NOT induce vomiting. Never make an unconscious person vomit or drink fluids. Get medical attention.

## Symptoms: Immediate

eye irritation, skin irritation, respiratory tract irritation

### Symptoms: Delayed

gastrointestinal effects

## SECTION 5: FIREFIGHTING MEASURES

### Flammable Properties

Product is non-flammable.

Use extinguishing agents appropriate for surrounding fire.

## Unsuitable Extinguishing Media

None known.

# Protective Equipment and Precautions for Firefighters

No hazard is expected from the normal use of this product.

### Fire Fighting Measures

No hazard expected

NFPA 704M Hazard Classification:

Health: 2

Flammable: 0

Reactivity: 0

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Keep unnecessary people away, isolate hazard area and deny entry. Wet material is slippery under foot.

Wear personal protective clothing and equipment, see Section 8.

## **Environmental Precautions**

Avoid release to the environment.

## Cleanup Methods

Collect spilled material in appropriate container for reuse or disposal.

#### SECTION 7: HANDLING AND STORAGE

#### Precautions for Safe Handling

Avoid dust generation and accumulation. Do not use in poorly ventilated or confined spaces. Do not taste or swallow. Avoid inhalation or contact. Wash thoroughly after handling.

### Conditions for Safe Storage

Store in a cool, dry place. Store in a well-ventilated area.

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SAFETY DATA SHEET	Product Name:	Tennessee #5
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#### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure Guidelines:**

Follow standard occupational hygiene control methods and procedures. Use an approved respirator if exposure limits are exceeded or if exposure limits are exceeded or if irritation develops or persists.

### Component Exposure Limits:

Hazardous Ingredient	Weight % (Approx.)	CAS Nº	OSHA PEL*	ACGIH TLV*
Kaolin	60% - 90%	1332-58-7	15 mg/m³ (Total Dust) 5 mg/m³ (Respirable Fraction)	2 mg/m³ (Respirable Fraction)
Quartz - Crystalline Silica (Respirable Fraction 1-10%)	10% - 30%	14808-60-7	0.1mg/m³ (Respirable Fraction)	0.025 mg/m³ (Respirable Fraction)
Titanium Dioxide (Naturally Occurring)	1% - 5%	13463-67-7	15 mg/m <sup>3</sup> (Total Dust)	10 mg/m³ (Total Dust)

<sup>\*</sup> Unless otherwise noted, all PEL and TLV are reported as 8 hour time weighted average (TWA).

#### Component Analysis

There are no biological limit values for any of this product's components.

#### **Engineering Controls**

Ventilation: Use exhaust ventilation, if required, to maintain dust concentration below recommended exposure limits.

## PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Where there is potential for airborne exposure, use of a MSHA/NIOSH or OSHA/NIOSH approved respirator is recommended.

Eyes/Face: Wear side shield safety glasses or chemical resistant safety goggles.

Glove Recommendation: Rubber gloves are recommended for prolonged exposure.

Protective Clothing: Wear appropriate chemical resistant clothing. Contaminated clothing should be removed and

laundered before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid Appearance: light gray to brown solid

Color: light gray to brown
Odor: earthy odor
pH: 4-6 (aqueous solution)

Boiling Point: Not applicable

Physical Form: powder to lump
Odor Threshold: Not applicable

Melting Point: > 1500°C
Flash Point: Will not ignite

Decomposition: loses crystalline water at > 500°C (930°F) Evaporation Rate: Not applicable

LEL: Not applicable UEL: Not applicable

Vapor Pressure: Not applicable

Density Not applicable

Specific Gravity (water = 1): ~2.6 gm/cc

Water Solubility: None Coeff> Water/Oil Dist: Not applicable

Auto Ignition: Will not ignite Viscosity: Not applicable Flow Point: Not applicable Sublimation Point: Not applicable

VOC: None

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### SECTION 10: STABILITY AND REACTIVITY

#### Reactivity:

No reactive hazard is expected.

#### Chemical Stability:

Stable at normal temperatures and pressure

### Possibility of Hazardous Reactions:

Will not oxidize or polymerize.

#### Conditions to avoid:

None known.

#### Materials to Avoid (Incompatibilities):

None known.

#### Decomposition Products:

When exposed to high temperatures, free quartz can change crystal structure to form tridymite (above 870°C) or cristobalite (above 1470°C) which have greater health hazards than quartz. (Tridymite and cristobalite (TWA-TLV) =  $0.025 \text{ mg/m}^3$ .)

#### SECTION 11: TOXICOLOGICAL INFORMATION

Primary Route of Exposure: Skin, Eye Contact, Inhalation and Ingestion

#### Acute Health Hazards:

Eye contact may cause mechanical irritation.

Skin contact may appravate existing dermatitis.

Inhalation from prolonged and continuous exposure to excessive quantities of dust may aggravate existing asthmatic or respiratory conditions.

#### Acute and Chronic Toxicity

May cause eye irritation, skin irritation, respiratory tract irritation, and gastrointestinal tract irritation. May cause damage to respiratory tract through prolonged or repeated exposure.

Occupationally inhaled ball clay produced pulmonary fibrosis with sites of action being the lung, the lymph nodes and the hilus. Ball clay when taken orally over a long period of time can cause granulomas of the stomach.

Exposure to quartz (the most stable and common form of crystalline silica) is responsible for the majority of clinically diagnosed silicosis. Silicosis is a fibronodular lung disease that occurs after occupational exposure to crystalline silica for 5 years or longer. Inhalation of quartz dusts may cause shortness of breath, limitation of chest expansion, dry cough, and a lessened capacity for work. Individuals with a pre-existing disease in, or a history of aliments involving the skin or respiratory tract, are at greater risk for developing adverse health effects when exposed to this material.

In humans, chronic intermittent exposure to quartz caused pulmonary fibrosis, cough, and difficulty breathing. Overexposure to crystalline silica may cause silicosis, a form of disabling, progressive, and sometimes fatal pulmonary fibrosis characterized by the presence of typical nodulation in the lungs. Tuberculosis frequently complicates silicosis and the risk for tuberculosis is also increased in workers exposed to silica who have no radiographic evidence of silicosis. Crystalline silica can cause silicotic lesions in such organs as the liver, spleen and bone marrow. In humans, a causal relationship exists between exposure to crystalline silica and the development of autoimmune diseases. In multi-dose studies with animals, long term inhalation of quartz affected the lungs, endocrine system, immune system and blood.

This product contains quartz (respirable) as an impurity. Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibers, 1997, Vol. 68, IARC, Lyon, France.)

The material may contain trace amounts (parts per trillion) of naturally occurring dioxin congeners (PCDD, PCDF) including TCDD. 2, 3, 7,8. TCDD has been classified as a known human carcinogen by the IARC in Monograph 69 (1997).

These trace amounts are not believed to be a health risk, but Special Protections and Special Precautions (Section 8) are advised.

These trace amounts are not believed to be a health risk, but special Protections and Special Procedures (Section 6) are advised.

IARC Monograph Vol. 69 (1997) concludes that 2,3,7,8-TCDD (dioxin) is carcinogenic to humans. Methods of transmission may include inhalation, ingestion or dermal absorption.

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### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

### Quartz - Crystalline Silica (14808-60-7)

Oral LD50 Rat 500 mg/kg

#### Titanium dioxide (13463-67-7)

Oral LD50 >10000 mg/kg

#### Water (7732-18-5)

Oral LD50 Rat >90 mL/kg

### Irritation/Corrosivity Data

May cause eye irritation, skin irritation, respiratory tract irritation, and gastrointestinal tract irritation.

#### Respiratory Sensitizer

No test data available

#### **Dermal Sensitizer**

No test data available

### Carcinogenicity

Component Carcinogenicity

### Kaolin - CAS N° 1332-58-7

ACGIH: A4 - Not Classifiable as a Human Carcinogen

### Quartz - Crystalline Silica - CAS Nº 14808-60-7

ACGIH: A2 - Suspected Human Carcinogen

IARC: Group 1 - Carcinogenic to humans

### Titanium dioxide - CAS Nº 13463-67-7

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Group 2B - Possibly carcinogenic to humans

### Mutagenic Data

No information available

### Reproductive Effects Data

No information available

### Specific Organ Toxicity - Single Exposure

Target organs include ears, skin, respiratory system, and gastrointestinal tract.

### Specific Organ Toxicity - Repeated Exposure

Causes damage to eyes, skin, respiratory system, and gastrointestinal tract through prolonged or repeated exposure.

## Aspiration Hazard

No data available

## Medical Conditions Aggravated by Exposure

Individuals with pre-existing eye disorders, skin disorders, respiratory disorders and/or gastrointestinal disorders may have increased susceptibility to the effects of exposure.

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# SECTION 12: ECOLOGICAL INFORMATION

### **Ecotoxicity**

No information available for the product

### Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components

No information available for the product

### Bioaccumulation

No information available for the product

#### Bioconcentration

This material is not believed to bioconcentrate

### Biodegradation

This product is made from a naturally occurring, abundant, innocuous mineral

## Persistence

This product is made from a naturally occurring, abundant, innocuous mineral

# Mobility in Soil:

This product is insoluble in water

#### Results of PBT and vPvB Assessment

Not relevant

### Other Toxicity

May affect turbidity if discharged in large quantities to lakes, streams or sewers.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Non-hazardous waste - RCRA (40 CFR 261)

Dispose of waste materials in accordance with all local, state, and Federal requirements.

This product may not be disposed of in waterways or sewers.

## SECTION 14: TRANSPORT INFORMATION

EPA Waste Number: Not regulated. DOT Classification: Not regulated. IMO Classification: Not regulated.

Internal UN: Not regulated.

IMDG Code: This product is not considered to be a marine pollutant.

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## SECTION 15: REGULATORY INFORMATION

SARA Title III Section 302 Extremely Hazardous Substances: This product does not contain extremely hazardous subject to the reporting requirements of Section 302 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 355.

SARA Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2:

 Immediate
 Delayed
 Fire
 Pressure
 Reactivity

 Yes
 No
 No
 No

SARA Section 313 Notification: This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA: Product is listed in Initial Inventory, Vol. 1, Appendix A, CAS No. 1332-58-7

CERCLA: Ball Clay is not a CERCLA listed hazardous substance.

California Proposition 65: WARNING: This product may also contain extremely small amounts of one or more naturally-occurring materials known to the State of California to cause cancer, birth defects, or other reproductive harm.

NJ Special Health Hazardous Substances List [4]: RTK Hazardous Substance List; Substance number 4016.

PA Special Hazardous Substances List: Regulated under PA Code Chapter 323.

Stockholm Convention: This product is not subject to the Stockholm Convention.

Montreal Protocol: This product is not subject to the Montreal Protocol.

Rotterdam Convention: This product is not subject to the Rotterdam Convention.

### National Inventories:

DSL (Canada): Listed NDSL (Canada): Not Listed PICCS (Philippines): Listed KECI (Korea): Listed ENCS (MITI) (Japan): Listed AICS (Australia): Listed IECSC (China): Listed EINECS (Europe): Listed

REACh Status: Exempt (Annex v.7). Product is a naturally occurring mineral.

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#### SECTION 16: OTHER INFORMATION

#### Training

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

### **Summary of Changes**

New SDS 04-Nov-2013

### Key / Legend

ACGIH American Conference of Governmental Industrial Hygienists

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstract Service

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

CFR Code of Federal Regulations

CHEMTREC Chemical Transportation Emergency Center

DOT Department of Transportation
DSL Canadian Domestic Substances List

EINECS European Inventory of New and Existing Chemical Substances

ENCS Existing and New Substances Inventory
EPA Environmental Protection Agency
FDA Food and Drug Administration

HMIS Hazardous Materials Identification System IARC International Agency for Research on Cancer

IECSC Inventory of Existing Chemical Substances Produced or Imported in China

IMDG International Maritime Dangerous Goods Code

IMO International Maritime Organization
KECI Korean Existing Chemicals Inventory

LEL Lower Explosive Limit

LOLI List Of Lists

MITI Japanese Ministry of international Trade and Industry

MSHA Mine Safety and Health Administration
NDSL Canadian Non-Domestic Substance List

NIOSH National Institute of Occupational Safety and Health

NFPA National Fire Protection Agency

OSHA Occupational Health and Safety Administration
PBT Persistent Bioaccumulative Toxic Chemical

PEL Permissible Exposure Limit

PICCS Philippine Inventory of Chemicals and Chemical Substances

RCRA Resource Conservation and Recovery Act

REACh Registration, Evaluation, Authorization and Restriction of Chemicals

RTK Right to Know

SARA Superfund Amendments and Reauthorization Act

SDS Safety Data Sheet

STOT Specific Target Organ Toxicity

TLV Threshold Limit Value
TSCA Toxic Substances Control Act
TWA Time Weighted Average
UEL Upper Explosive Limit
UN United Nations
VOC Volatile Organic Content

vPvB Very Powerful Very Bioaccumulative

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#### Disclaimer

Such information is to the best of IMERYS knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. IMERYS NORTH AMERICA CERAMICS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

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Prepared By: Imerys North America Ceramics Technical Group.

END OF SHEET

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