



## Safety Data Sheet (SDS)

Prepared to comply with GHS (Globally Harmonized System) and OSHA-Hazard Communication Standard 29 CFR.1910.1200, System of Classifying and Labeling of Chemicals

Material Name: Peat

### Section 1: Identification

- 1.1 Product trade names:** Sphagnum peat moss
- 1.2 Product Class:** Natural organic planting mixes
- Product Codes: N/A
- CAS/EC Number: Product does not have a CAS or EC number.
- Intended Use: Domestic gardening, planting mixture, and other general horticultural purpose.

**1.3 Supplier:**

County Materials Corp.  
205 North St., P.O. Box 100  
Marathon, WI 54448-0100  
General Information Telephone: (800) 289-2569  
Email: [riskclaimssafety@countymaterials.com](mailto:riskclaimssafety@countymaterials.com)

**1.4 Emergency telephone:**

715-223-7788

### Section 2: Hazard(s) Identification

**2.1 Classification:**

This material is not considered hazardous according to the OSHA Hazard Communication Standard or GHS Hazard Classification and Labelling System.

**2.2 Labeling:**

Pictograms:

None.

Signal Word:

None.

Hazard Statements:

None.

Precautionary Statements:

P261 – Avoid breathing dusts.

P271 – Use only outdoors or in a well-ventilated area.

P280 – Wear protective gloves, protective clothing, and eye protection.

- 2.3 Other Hazards:** This product is not classified as hazardous under normal conditions of use and storage. Exposure to entrained dusts may occur during agitation of dried product and can cause irritation to respiratory system. Contact with eyes and skin may cause irritation.

### Section 3: Composition/Information on Ingredients

| Components   | CAS Number | EC Number | Concentration% |
|--|------------|-----------|----------------|
| Peat   | --         | --        | 100            |
| This product contains natural agricultural components and decomposed organic matter. It is not anticipated to contain quantities of naturally occurring crystalline silica at greater than 0.1%. |            |           |                |



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### Section 4: First-Aid Measures

#### 4.1 Description of first aid measures:

Inhalation: Airborne dust may be inhaled. Remove person to fresh air. Seek medical attention if breathing difficulty develops or persists.

Skin Contact: Wash skin with soap and plenty of water. If irritation develops or persists, seek medical attention.

Eye Contact: Rinse eyes thoroughly with potable water for at least 15 minutes and remove contacts if easy to do. Rinse under eyelids to remove any particles. Seek medical attention for any abrasions or if irritation develops or persists.

Ingestion: Rinse mouth with copious amounts of water. If the person is conscious and aware, give large amounts of water to rinse material and taste from the mouth. Never attempt to make an unconscious person drink or vomit. If the person is unconscious it may be necessary to sweep the blockage out of the mouth using a finger. Seek emergency medical attention if deemed necessary.

#### 4.2 Most important symptoms and effects:

Inhalation: May cause irritation of the respiratory tract.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation, abrasions, redness, and permanent eye damage.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation, choking/blockage.

#### 4.3 Indication of any immediate medical attention and special treatment needed: See Section 4.1.

### Section 5: Fire-Fighting Measures

**5.1 Extinguishing media:** Product is not flammable. Use appropriate media for fire adjacent to product.

**5.2 Special hazards arising from the substance or mixture:** None known.

**5.3 Advice to firefighters:** None.

### Section 6: Accidental Release Measures

**6.1 Personal precautions:** Wear dust-mask or respirator if airborne concentrations approach or exceed exposure limits detailed in Section 8.

**6.2 Environmental precautions:** Carefully clean up spilled material and place the material into suitable containers and hold for reuse or disposal. Dispose of the waste material in accordance with local regulations.

**6.3 Methods and materials for containment and cleaning up:** Shovel material. Avoid sweeping to limit dried airborne dust.

**6.4 Reference to other sections:** Use information obtained throughout this SDS to be fully prepared in case of accidental release.

### Section 7: Handling and Storage

**7.1 Precautions for safe handling:** Avoid excessive dust formation and breathing dust. Persons handling the product should wear recommended personal protective equipment (PPE) as noted in Section 8. Wash thoroughly with potable water and mild soap after handling. Use outdoors or provide ventilation.

**7.2 Conditions for safe storage, including any incompatibilities:** Store at ambient temperatures. Clean up by shovel, wet sweeping and/or vacuuming.

**7.3 Specific end uses:** See Section 1. for intended uses.



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### Section 8: Exposure Controls/Personal Protection

**8.1 Control parameters:** Note the limits shown below are for guidance only. Follow applicable regulations in your jurisdiction.

| Substance Name  | Source | Exposure Limit                                     |
|---|--------|--|
| Total Dust (or Particulates Not Otherwise Classified) | ACGIH  | 10 mg/m <sup>3</sup> (I) / 3 mg/m <sup>3</sup> (R) |
|   | OSHA   | 15 mg/m <sup>3</sup> (T) / 5 mg/m <sup>3</sup> (R) |
|   | NIOSH  | 10 mg/m <sup>3</sup> (T) / 5 mg/m <sup>3</sup> (R) |

**8.1.1 Currently recommended monitoring procedures:** No recommendations.

**8.1.2 Exposure guidelines for air contaminants, if any:** See Section 8.1

**8.1.3 DNELS and PNECS for exposure scenarios:** Information not available at this time.

**8.1.4 Control banding for risk management:** Use good industrial hygiene practice, wear appropriate PPE and use only in well ventilated places.

#### 8.2 Exposure Controls:

**8.2.1 Appropriate engineering controls:** If used in an enclosed area, provide adequate local exhaust ventilation when possible to remove and prevent buildup of any dusts generated from the handling of this product. Water suppression may also be used to limit airborne dusts from dried product during application or use.

**8.2.2 Individual protection methods:** Use good industrial hygiene practices in handling this material. Eye wash stations should be available. Wash exposed skin with potable water and mild soap after use. If any irritation or redness is noted, treat symptomatically or consult a doctor immediately. Wear gloves, safety glasses/goggles and protective clothing. In case of eye contact, flush with plenty of clean, potable water for at least 15 minutes. Remove contacts if easy to do so. Seek medical attention if irritation occurs. Avoid dust inhalation and direct contact with skin and eyes. Wash contaminated skin before eating, drinking or smoking.

#### 8.2.3 Personal Protective Equipment:

Eye/Face: Use appropriate eye protection: glasses with side shields or goggles.

Skin: Avoid contact by covering skin with protective clothing. Wear gloves when handling the product. Wear eye protection. Wash exposed skin thoroughly with potable water and mild soap.

Respiratory: If airborne concentrations are above the applicable exposure limits, use NIOSH-approved respirator if qualified.



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### Section 9: Physical and Chemical Properties

|  |                            |
|--|----------------------------|
| Physical State:                                      | Combined blend of material |
| Color:   | Varying brown/black shades |
| Odor:  | Earthy                     |
| Odor Threshold:                                      | Not applicable             |
| Melting Point:                                       | Not applicable             |
| Freezing Point:                                      | Not applicable             |
| Initial Boiling Point:                               | Not applicable             |
| Flammability (solid, gas):                           | Not applicable             |
| Lower and Upper Explosion Limits/Flammability Limit: | Not applicable             |
| Flash Point:   | Non-flammable              |
| Auto-Ignition Temperature:                           | Not applicable             |
| Decomposition Temperature:                           | Not evaluated              |
| pH:  | 5 - 7                      |
| Kinematic Viscosity:                                 | Not applicable             |
| Solubility:  | Non-soluble                |
| Partition Coefficient:                               | Not applicable             |
| Vapor Pressure                                       | Not applicable             |
| Density (and/or Relative Density):                   | Not evaluated              |
| Relative Vapor Density:                              | Not applicable             |
| Particle Characteristics:                            | Variable sizes             |

### Section 10: Stability and Reactivity

**10.1 Reactivity:** None known.

**10.2 Chemical stability:** Stable under normal conditions of storage and use.

**10.3 Possibility of hazardous reactions:** Avoid contact with powerful oxidizing agents.

**10.4 Conditions to avoid:** Avoid dust concentrations above permissible exposure limits.

**10.5 Incompatible materials:** Incompatible materials and possible hazardous reactions are detailed in Section 10.3.

**10.6 Hazardous decomposition or byproducts:** Highly improbable. Hazardous polymerization will not occur.

### Section 11: Toxicological Information

#### 11.1 Information on toxicological effects:

##### Acute Exposure and Symptoms:

Inhalation: May cause irritation of the respiratory system.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation, abrasions, redness, and permanent eye damage.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation, choking/blockage.

##### Chronic Exposure:

Prolonged exposure to dust may cause irritation to the respiratory tract, inflame or sensitize the nose, throat and lungs resulting in illnesses such as asthma or pneumonia.

##### Numerical Measures of Toxicity

There no numerical measures of toxicity available for the product at this time.



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### Section 11: Toxicological Information

#### Component Carcinogenicity

This product is not a known or suspected carcinogen.

#### Specific Target Organ Toxicity Single/Repeat Exposure – Respiratory System

Repeated inhalation of dusts can lead to irritation of the respiratory tract, inflame or sensitize the nose, throat and lungs resulting in illnesses such as asthma or pneumonia. Exposure to dust may occur with agitation of the product if the product is dry.

#### Skin Sensitizer

Not expected to be a skin sensitizer.

### Section 12: Ecological Information (non-mandatory)

#### 12.1 Ecotoxicity:

**General Product Information:** Product when used as intended is not hazardous to the environment.

**Component Analysis - Ecotoxicity :** Ecotoxicity data are not available for this product's.

**Environmental Fate:** No information available for the product.

### Section 13: Disposal Considerations (non-mandatory)

#### 13.1 Waste treatment methods:

**General Product Information:** Whatever cannot be saved or recovered for recycling should be disposed of according to state and local regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### Section 14: Transport Information (non-mandatory)

Product is not classified as Dangerous Goods.

### Section 15: Regulatory Information (non-mandatory)

#### 15.1 Safety, health, and environmental regulation:

##### US Federal Regulations

**General Product Information:** No component is listed on the U.S. EPA TSCA Inventory List.

**Component Analysis:** Components of this product are not listed as hazardous under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

##### State Regulations

**General Product Information:** Other state regulations may apply. Check individual state requirements.

**California Prop. 65 Components:** This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.



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### Section 15: Regulatory Information (non-mandatory)

### Section 16: Other Information

#### Other Information

**Disclaimer:** Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

#### **Key to Abbreviations and Acronyms:**

|         |   |
|---------|---|
| ACGIH:  | American Conference of Governmental Industrial Hygienists               |
| DNEL:   | Derived No Effect Level   |
| EINECS: | European Inventory of Existing Commercial Chemical Substances           |
| EPA:    | Environmental Protection Agency   |
| EU:     | European Union  |
| GHS     | Globally Harmonized System of classification and labelling of chemicals |
| IARC:   | International Agency for Research on Cancer                             |
| I:      | Inhalable Particles   |
| LC50:   | Lethal concentration in air fatal to 50 percent of test animals         |
| LD50:   | Lethal dose by mouth or other route to 50 percent of test animals       |
| LDLo:   | Lowest lethal dose  |
| NIOSH:  | National Institute for Occupational Safety and Health                   |
| NJTSTR: | New Jersey Trade Secret Registry  |
| NOEC:   | No Observed Effect Concentration  |
| NTP:    | National Toxicology Program   |
| OSHA:   | Occupational Safety and Health Administration (USA)                     |
| PNEC:   | Predicted No Effect Concentration                                       |
| PNOC:   | Particulates Not Otherwise Classified                                   |
| PPM:    | Parts Per Million   |
| R:      | Respirable Particles  |
| STEL:   | Short Term Exposure Limit   |
| T:      | Total Dust  |
| TLV:    | Threshold Limit Value   |
| TSCA:   | Toxic Substance Control Act   |
| TWA:    | Time weighted average   |

**\*\* This is the end of SDS – Peat \*\***



# Sakrete Sands & Gravel

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Date of issue: 09/26/2016

Revision date: 01/31/2018

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Sakrete Sands & Gravel  
Product code : Not available

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Various

#### 1.3. Details of the supplier of the safety data sheet

Sakrete of North America  
625 Griffith Rd., Ste 100  
Charlotte, NC 28217  
T 866-725-7383

#### 1.4. Emergency telephone number

Emergency number : For Hazardous Materials [or Dangerous Goods] Incident  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
1-800-424-9300 [USA] / +1 703-527-3887 [CAN]

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Carc. 1A  
STOT RE 1

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : May cause cancer. Causes damage to organs through prolonged or repeated exposure.  
Precautionary statements (GHS-US) : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3. Other hazards

No additional information available.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable.

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable.

#### 3.2. Mixtures

| Name   | Product identifier  | %        |
|--------|---------------------|----------|
| Quartz | (CAS No) 14808-60-7 | 60 - 100 |

\* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.



# Sakrete Sands & Gravel

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- |                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.                            |
| First-aid measures after skin contact | : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.  |
| First-aid measures after eye contact  | : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.   |
| First-aid measures after ingestion    | : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |

#### 4.2. Most important symptoms and effects, both acute and delayed

- |                                      |   |
|--------------------------------------|---|
| Symptoms/injuries after inhalation   | : May cause respiratory tract irritation.   |
| Symptoms/injuries after skin contact | : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.  |
| Symptoms/injuries after eye contact  | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/injuries after ingestion    | : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.  |

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- |                                |                                   |
|--------------------------------|-----------------------------------|
| Suitable extinguishing media   | : Treat for surrounding material. |
| Unsuitable extinguishing media | : None known.                     |

#### 5.2. Special hazards arising from the substance or mixture

- |             |   |
|-------------|---|
| Fire hazard | : Products of combustion may include, and are not limited to: oxides of carbon. |
|-------------|---|

#### 5.3. Advice for firefighters

- |                                |  |
|--------------------------------|--|
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |
|--------------------------------|--|

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- |                  |  |
|------------------|--|
| General measures | : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |
|------------------|--|

#### 6.2. Methods and material for containment and cleaning up

- |                         |  |
|-------------------------|--|
| For containment         | : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). |
| Methods for cleaning up | : Vacuum or sweep material and place in a disposal container.  |

#### 6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- |                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Avoid contact with skin and eyes. Do not breathe dust. Do not swallow. Handle and open container with care. Avoid dust formation. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. When using do not eat, drink or smoke. |
| Hygiene measures              | : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.   |

#### 7.2. Conditions for safe storage, including any incompatibilities

- |                    |   |
|--------------------|---|
| Storage conditions | : Keep out of the reach of children. Keep container tightly closed. Avoid any dust build-up by frequent cleaning and suitable construction of the storage area. Do not store in an area equipped with emergency water sprinklers. |
|--------------------|---|

#### 7.3. Specific end use(s)

Not available.



# Sakrete Sands & Gravel

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Quartz (14808-60-7) |                                |  |
|---------------------|--------------------------------|--|
| ACGIH               | ACGIH TWA (mg/m <sup>3</sup> ) | 0.025 mg/m <sup>3</sup> (respirable fraction)  |
| OSHA                | OSHA PEL (mg/m <sup>3</sup> )  | (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA (total dust)<br>(250)/(%SiO <sub>2</sub> + 5) mppcf TWA (respirable fraction)<br>(10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA (respirable fraction) |

#### 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.   |
| Hand protection                  | : Wear suitable waterproof gloves.   |
| Eye protection                   | : Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).  |
| Skin and body protection         | : Wear suitable waterproof protective clothing.  |
| Respiratory protection           | : A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2). |
| Environmental exposure controls  | : Maintain levels below Community environmental protection thresholds.   |
| Other information                | : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.   |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                              | : Solid             |
| Appearance                                  | : Granular powder   |
| Color                                       | : No data available |
| Odor  | : No data available |
| Odor threshold                              | : No data available |
| pH  | : No data available |
| Melting point                               | : No data available |
| Freezing point                              | : No data available |
| Boiling point                               | : No data available |
| Flash point                                 | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas)                   | : Not flammable     |
| Explosion limits                            | : No data available |
| Explosive properties                        | : No data available |
| Oxidizing properties                        | : No data available |
| Vapor pressure                              | : No data available |
| Relative density                            | : No data available |
| Relative vapor density at 20 °C             | : No data available |
| Solubility                                  | : No data available |
| Partition coefficient n-octanol/water       | : No data available |
| Auto-ignition temperature                   | : No data available |
| Decomposition temperature                   | : No data available |
| Viscosity                                   | : No data available |
| Viscosity, kinematic                        | : No data available |
| Viscosity, dynamic                          | : No data available |

#### 9.2. Other information

No additional information available.

# Sakrete Sands & Gravel

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2. Chemical stability

Stable under normal storage conditions. Keep dry in storage.

#### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

#### 10.4. Conditions to avoid

Heat. Incompatible materials.

#### 10.5. Incompatible materials

Moisture. Wet cement is alkaline and incompatible with acid, ammonium salts and aluminum metal.

#### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Sakrete Sands & Gravel |                   |
|------------------------|-------------------|
| LD50 oral rat          | No data available |
| LD50 dermal rat        | No data available |
| LC50 inhalation rat    | No data available |

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

Serious eye damage/irritation : Based on available data, the classification criteria are not met.

Respiratory or skin sensitization : Based on available data, the classification criteria are not met.

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : May cause cancer.

| Quartz (14808-60-7)                      |                             |
|--|-----------------------------|
| IARC group                               | 1 - Carcinogenic to humans  |
| National Toxicology Program (NTP) Status | 2 - Known Human Carcinogens |

Reproductive toxicity : Based on available data, the classification criteria are not met.

STOT-single exposure : Based on available data, the classification criteria are not met.

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Aspiration hazard : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause respiratory tract irritation.

Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.

#### 12.2. Persistence and degradability

| Sakrete Sands & Gravel        |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

# Sakrete Sands & Gravel

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according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### 12.3. Bioaccumulative potential

#### Sakrete Sands & Gravel

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

### 12.4. Mobility in soil

No additional information available.

### 12.5. Other adverse effects

Effect on global warming : No known effects from this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

### Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.3. US State regulations

#### Sakrete Sands & Gravel

|                            |  |
|----------------------------|--|
| State or local regulations | This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. |
|----------------------------|--|

## SECTION 16: Other information

Date of issue : 09/26/2016

Revision date : 01/31/2018

Other information : None.

*Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.*

# SAFETY DATA SHEET

Issuing Date No data available

Revision Date 13-May-2015

Revision Number 2



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publically available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** permanent marker black ink

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Pens

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** Wenzhou Aihao Pen Trade Co., Ltd

**Supplier Address** No.128, Wenchang Road, Longwan Zone  
Wenzhou  
Zhejiang  
325011  
CN

**Supplier Phone Number** Phone:86-13524536325  
Contact Phone86-021-68622126

**Supplier Email** 732314056@qq.com

### Emergency telephone number

## 2. HAZARDS IDENTIFICATION


### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|  |            |
|--|------------|
| Skin corrosion/irritation                        | Category 2 |
| Serious eye damage/eye irritation                | Category 1 |
| Germ cell mutagenicity                           | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |



**GHS Label elements, including precautionary statements****Emergency Overview**

|  |   |
|--|---|
| <b>Signal word</b>   | <b>Danger</b>                                 |
| <b>Hazard Statements</b><br>Causes skin irritation<br>Causes serious eye damage<br>Suspected of causing genetic defects<br>May cause drowsiness or dizziness |   |
|   |   |
| <b>Appearance</b> Black  | <b>Physical state</b> Solid containing liquid |
|  | <b>Odor</b> Alcohol                           |

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

10.6% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

May be harmful if swallowed

Toxic to aquatic life with long lasting effects

**Interactions with Other Chemicals**

Use of alcoholic beverages may enhance toxic effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                          | CAS No      | Weight-% | Trade Secret |
|--|-------------|----------|--------------|
| Third Party Formulation (TP # 1196598) | Proprietary | 30 - 60  | *            |
| Third Party Formulation (TP # 1196598) | Proprietary | 15 - 40  | *            |
| Third Party Formulation (TP # 1196598) | Proprietary | 1 - 5    | *            |
| Third Party Formulation (TP # 1196598) | Proprietary | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice.

**Skin contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects**

Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.



## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

No information available.

#### **Uniform Fire Code**

Irritant: Solid

### **Hazardous Combustion Products**

Carbon oxides.

### **Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

#### **Other Information**

Refer to protective measures listed in Sections 7 and 8.

### **Environmental precautions**

#### **Environmental precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

### **Methods and material for containment and cleaning up**

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Pick up and transfer to properly labeled containers.



## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** Strong acids. Strong oxidizing agents. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                          | ACGIH TLV                    | OSHA PEL   | NIOSH IDLH  |
|--|------------------------------|--|---|
| Third Party Formulation (TP # 1196598) | STEL: 100 ppm<br>TWA: 50 ppm | (vacated) TWA: 100 ppm<br>(vacated) TWA: 360 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 540 mg/m <sup>3</sup>   | TWA: 100 ppm<br>TWA: 360 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 540 mg/m <sup>3</sup>                  |
| Third Party Formulation (TP # 1196598) | TWA: 100 ppm                 | TWA: 200 ppm<br>TWA: 500 mg/m <sup>3</sup><br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 500 mg/m <sup>3</sup><br>(vacated) STEL: 250 ppm<br>(vacated) STEL: 625 mg/m <sup>3</sup> | IDLH: 800 ppm<br>TWA: 200 ppm<br>TWA: 500 mg/m <sup>3</sup><br>STEL: 250 ppm<br>STEL: 625 mg/m <sup>3</sup> |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** None required for consumer use. If there is a risk of contact: Tight sealing safety goggles.

**Skin and body protection** None required for consumer use. Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or

smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Solid containing liquid  | <b>Odor</b>           | Alcohol                  |
| <b>Appearance</b>     | Black                    | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                        | <u>Values</u>        | <u>Remarks</u> | <u>Method</u> |
|--|----------------------|----------------|---------------|
| pH                                     | No data available    | None known     |               |
| Melting / freezing point               | No data available    | None known     |               |
| Boiling point / boiling range          | No data available    | None known     |               |
| Flash Point                            | No data available    | None known     |               |
| Evaporation Rate                       | No data available    | None known     |               |
| Flammability (solid, gas)              | No data available    | None known     |               |
| Flammability Limit in Air              |                      |                |               |
| Upper flammability limit               | No data available    |                |               |
| Lower flammability limit               | No data available    |                |               |
| Vapor pressure                         | No data available    | None known     |               |
| Vapor density                          | No data available    | None known     |               |
| Specific Gravity                       | No data available    | None known     |               |
| Water Solubility                       | Difficult solubility | None known     |               |
| Solubility in other solvents           | No data available    | None known     |               |
| Partition coefficient: n-octanol/water | No data available    | None known     |               |
| Autoignition temperature               | No data available    | None known     |               |
| Decomposition temperature              | No data available    | None known     |               |
| Kinematic viscosity                    | No data available    | None known     |               |
| Dynamic viscosity                      | No data available    | None known     |               |
| Explosive properties                   | No data available    |                |               |
| Oxidizing properties                   | No data available    |                |               |

### Other Information

|                            |                   |
|----------------------------|-------------------|
| Softening Point            | No data available |
| VOC Content (%)            | No data available |
| Particle Size              | No data available |
| Particle Size Distribution |                   |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness and dizziness.  |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation.   |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                             |

#### Component Information

| Chemical Name                          | Oral LD50            | Dermal LD50          | Inhalation LC50                                  |
|--|----------------------|----------------------|--|
| Third Party Formulation (TP # 1196598) | = 5200 mg/kg ( Rat ) | = 13 g/kg ( Rabbit ) | = 54.6 mg/L ( Rat ) 4 h<br>> 24 mg/L ( Rat ) 1 h |
| Third Party Formulation (TP # 1196598) | = 1870 mg/kg ( Rat ) | -                    | > 13548 ppm ( Rat ) 4 h                          |
| Third Party Formulation (TP # 1196598) | = 1219 mg/kg ( Rat ) | -                    | -  |

### Information on toxicological effects

#### Symptoms

Erythema (skin redness). May cause redness and tearing of the eyes. May cause blindness. Burning. Inhalation of high vapor concentrations may cause symptoms like

headache, dizziness, tiredness, nausea and vomiting.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** There is no data available for this product. Contains a known or suspected mutagen.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                          | ACGIH | IARC    | NTP | OSHA |
|--|-------|---------|-----|------|
| Third Party Formulation (TP # 1196598) |       | Group 3 |     |      |

*IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Contains a known or suspected mutagen. Possible risk of irreversible effects. Carcinogenic potential is unknown.

**Target Organ Effects** Respiratory system. Eyes. Skin. May affect the genetic material in germ cells (sperm and eggs). Central Nervous System (CNS). Gastrointestinal tract (GI).

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

2,458.00 mg/kg

**ATEmix (dermal)**

23,718.00 mg/kg (ATE)

**ATEmix (inhalation-dust/mist)**

99.60 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

| Chemical Name                          | Toxicity to Algae                                | Toxicity to Fish   | Toxicity to Microorganisms  | Daphnia Magna (Water Flea)                             |
|--|--|--|---|--|
| Third Party Formulation (TP # 1196598) |  | 96h LC50: = 20.8 g/L<br>(Pimephales promelas) 96h<br>LC50: 4600 - 10000 mg/L<br>(Leuciscus idus) |   | 48h EC50: = 23300 mg/L                                 |
| Third Party Formulation (TP # 1196598) |  | 96h LC50: = 4480 mg/L<br>(Pimephales promelas)   | EC50 = 17700 mg/L 5 min<br>EC50 = 45000 mg/L 5 h<br>EC50 = 8686 mg/L 15 min<br>EC50 = 980 mg/L 12 h | 48h EC50: 3339 - 3977<br>mg/L 48h EC50: = 3642<br>mg/L |
| Third Party Formulation (TP # 1196598) | 72h EC50: = 36 mg/L<br>(Desmodesmus subspicatus) | 96h LC50: = 5.6 mg/L<br>(Cyprinus carpio)  |   | 48h EC50: = 5.2 mg/L                                   |

### Persistence and Degradability

No information available.

### Bioaccumulation

| Chemical Name                          | Log Pow |
|--|---------|
| Third Party Formulation (TP # 1196598) | -0.437  |
| Third Party Formulation (TP # 1196598) | 0.34    |
| Third Party Formulation (TP # 1196598) | 2       |

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

#### **California Hazardous Waste Codes 331**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                          | California Hazardous Waste |
|--|----------------------------|
| Third Party Formulation (TP # 1196598) | Toxic<br>Ignitable         |



## 14. TRANSPORT INFORMATION

|                             |   |
|-----------------------------|---|
| <b><u>DOT</u></b>           | NOT REGULATED   |
| <b>Proper Shipping Name</b> | NON REGULATED   |
| <b>Hazard Class</b>         | N/A   |
| <b><u>TDG</u></b>           | Not regulated   |
| <b><u>MEX</u></b>           | Not regulated   |
| <b><u>ICAO</u></b>          | Not regulated   |
| <b><u>IATA</u></b>          | Not regulated   |
| <b>Proper Shipping Name</b> | NON REGULATED   |
| <b>Hazard Class</b>         | N/A   |
| <b><u>IMDG/IMO</u></b>      | Not regulated   |
| <b>Hazard Class</b>         | N/A   |
| <b>Marine Pollutant</b>     | Product is a marine pollutant according to the criteria set by IMDG/IMO |
| <b><u>RID</u></b>           | Not regulated   |
| <b><u>ADR</u></b>           | Not regulated   |
| <b><u>ADN</u></b>           | Not regulated   |

## 15. REGULATORY INFORMATION

### **International Inventories**

|      |  |
|------|--|
| TSCA | Complies   |
| DSL  | All components are listed either on the DSL or NDSL. |

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material



**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name                          | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--|------------|---------------|--------------|--------------|----------|
| Third Party Formulation (TP # 1196598) | X          | X             | X            |              |          |
| Third Party Formulation (TP # 1196598) | X          | X             | X            |              |          |

**International Regulations****Mexico****National occupational exposure limits**

| Component   | Carcinogen Status | Exposure Limits  |
|---|-------------------|--|
| Third Party Formulation (TP # 1196598)<br>( 15 - 40 ) |                   | Mexico: TWA 200 ppm<br>Mexico: TWA 500 mg/m <sup>3</sup><br>Mexico: STEL 250 ppm<br>Mexico: STEL 625 mg/m <sup>3</sup> |

Mexico - Occupational Exposure Limits - Carcinogens

**Canada****WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                           |                       |                          |  |
|-------------|---------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazards</b> 2   | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards -</b> |
| <b>HMIS</b> | <b>Health Hazards</b> 3 * | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 | <b>Personal Protection</b>             |
|             |                           |                       |                          | X                                      |

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 13-May-2015

**Revision Note** No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text

**End of Safety Data Sheet**

