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## 4. FIRST AID MEASURES

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### Eyes

Immediately flush eyes with water for at least 15 minutes. If irritation persists get medical attention.

### Skin

For skin contact, wash with soap and flush with large amounts of water. If irritation persists, get medical attention. Immediately take off all contaminated clothing. Wash contaminated clothing before reuse.

### Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.

### Ingestion

Drink 1 to 2 glasses of water. If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.

### Medical Conditions Aggravated by Exposure

Pre-existing skin condition may be aggravated by overexposure.

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## 5. FIRE FIGHTING MEASURES

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**Flash Point**            Non combustible

### Extinguishing Media

For small fires, use dry chemical, carbon dioxide or alcohol foam. For large fires, use water spray, fog or alcohol foam. Use water spray to cool fire exposed containers. DO NOT use straight streams of water.

### Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

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## 6. ACCIDENTAL RELEASE MEASURES

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### SPILL AND LEAK PROCEDURES

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Ventilate enclosed areas. Ventilate closed spaces before entering.

Wear appropriate personal protective equipment during cleanup. Do not touch or walk through spilled material. **Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to

containers for later disposal. **Large Spills:** Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

Surfaces may become slippery after spillage.

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## 7 HANDLING & STORAGE

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### Handling Procedures

Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

No special measures necessary provided product is used correctly

### Storage Procedures

Keep the container tightly closed and in a cool, well-ventilated place. Avoid freezing or excessive heat.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Occupation Exposure Limits

None applicable

### Engineering Controls

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate or general local exhaust ventilation if airborne dust concentrations exceed 15 mg/M<sup>3</sup>

### Personal Protective Equipment: Eyes/Face

Wear chemical goggles; face shield (if splashing is possible).

### Personal Protective Equipment: Skin

Wear suitable protective clothing. Use impervious gloves.

### Personal Protective Equipment: Respiratory

Under normal conditions, respirator is not normally required. If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

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<b>Physical State</b>	Liquid
<b>Appearance</b>	Viscous solution of ceramic and acrylic
<b>Odor</b>	Slight ammonia odor
<b>Flash Point</b>	Non combustible

<b>Boiling Point</b>	212°F
<b>Specific Gravity</b>	0.622
<b>Total Volatile Matter</b>	45.26%
<b>Volatile Organic Content</b>	0.0099
<b>Vapor Pressure</b>	20 @ 25°C
<b>Vapor Density</b>	<1
<b>Viscosity</b>	3500-7000
<b>Evaporation Rate</b>	<1
<b>Solubility in Water:</b>	Soluble

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## 10. STABILITY & REACTIVITY

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### Conditions to Avoid

Avoid extreme heat

### Chemical Stability

Stable under normal conditions.

### Incompatibility

Metal salts, hydrofluoric acid, strong oxidizers

This product may react with strong oxidizing agents.

### Hazardous Decomposition

Decomposition of this product may yield carbon dioxide, carbon monoxide and hydrocarbons. May react with hydrofluoric acid to form a toxic gas.

### Hazardous Polymerization

Has not been reported.

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## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity

#### Oral:

LD50/rat >2,000 mg/kg

#### Skin irritation:

Not available

#### Eye irritation:

Not available

### Chronic Toxicity

Not available

**Carcinogenicity:**

Not listed as carcinogenic according to IARC, NTP or OSHA.

**Other information:**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

No data available on finished product.

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**13 DISPOSAL CONSIDERATIONS**

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**Disposal Instructions**

Do not discharge into drains, surface waters or groundwaters. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

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**14 TRANSPORT INFORMATION**

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DOT Proper Shipping Name This product is not regulated by DOT, IMO or IATA.

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**15. REGULATORY INFORMATION**

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**Federal Regulations**

<b>Registration status:</b>	TSCA, US released / listed
<b>OSHA hazard category:</b>	Not hazardous
<b>SARA hazard categories (EPCRA 311/312):</b>	Not hazardous

**State regulations****State RTK**

The following materials are non-hazardous, but are included in this product.

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
	NJTS-50078-NCD	NJ, PA, MA

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**16 OTHER INFORMATION**

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contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

#### **HAZARD RATINGS**

<b>HAZARD RATINGS</b>	<b>HMIS</b>	<b>NFPA</b>
<b>Health</b>	<b>1</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>	<b>0</b>
<b>Physical hazard</b>	<b>0</b>	<b>0</b>