

# Safety Data Sheet

Date Issued: 1/23/17

Version: 1.0

## 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

**Product Names/Trade Names:** ProThickener**Chemical Family:** Treated Fumed Silica**Manufacturer's Name:** ProREZ Coatings, LLC  
PO BOX 153  
Cromwell, CT 06416-0153 USA  
General No.: (877) 511-3456 (8:00am to 5:00pm Eastern Time)**Company 24 Hour Emergency Response Information:** CHEMTEL: 1-800-255-3924

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

## 2. HAZARDS IDENTIFICATION

**Emergency Overview:** Caution! The toxicological properties of this material have not been fully investigated. May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Target Organs: No data found.

**Classification of the substance**

Physical hazards: NON HAZARDOUS; NON DANGEROUS GOODS

Health hazards: NON HAZARDOUS; NON DANGEROUS GOODS

Environmental hazards: NON HAZARDOUS; NON DANGEROUS GOODS

**Label Elements**

Hazardous components that must be listed on the label: Not required.

**Signal Word:** Warning**Pictograms:****Hazard Statements:**

H320 Causes eye irritation

H315 Causes skin irritation

H335 May cause respiratory irritation

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## Precautionary Statements

P264	Wash exposed areas thoroughly after handling
P284	Wear respiratory protection
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P303+P352	IF ON SKIN (or hair): Wash with plenty of soap and water.

Does not contain any substances greater than 0.1% listed by IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), OSHA (Occupational Safety and Health Administration), ACGIH (American Conference for Governmental Industrial Hygienists) or EU (European Union).

**Read the entire SDS for a more thorough evaluation of the hazards.**

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% By Weight	CAS Number
Non Hazardous Ingredients	>99.9%	Not Applicable

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## 4. FIRST-AID MEASURES

**Eye contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Rinse mouth. Drink plenty of water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

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## 5. FIRE-FIGHTING MEASURES

**Suitable Fire Extinguishing Media:** Dry chemical. Water spray. Water fog. Foam.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Specific hazards: Not available.

**Precautions for fire fighters:** Appropriate breathing apparatus may be required. Cool endangered containers with water in case of fire. Do not allow quenching water into sewers or waterways. Wear pressure-demand self-contained breathing apparatus (MSHA/NIOSH-approved or equivalent) and full protective gear.

**Flammable Limits:** Not available.

**Explosion Limits:** Not Available.

**Auto-Ignition Temperature:** Not Available.

**Flash Points:** Not Available.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution (sewers, drains, waterways or soil).

**Methods for Cleaning up:** Stop leak if without risk. Move containers from spill area. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Note: see section 1 for emergency contact information and section 13 for waste disposal.

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## 7. HANDLING AND STORAGE

**Handling:** Put on appropriate personal protective equipment, PPE (see Section 8). Eating and drinking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated PPE or clothing, wash hands and face before eating and drinking. Use only in area provided with appropriate exhaust ventilation. Do not get in eyes, skin or clothing. Do not ingest. Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

**Storage:** Avoid breakage of bagged material or spills of bulk material. Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Special Note for Exposure Control:** Consult local authorities for acceptable exposure limits.

**OSHA PEL (TWA):** 5mg/m<sup>3</sup> (respirable dust fraction), 15mg/m<sup>3</sup> (total dust)

**ACGIH TLV (TWA):** 3mg/m<sup>3</sup> (respirable dust fraction), 10mg/m<sup>3</sup> (Inhalable)

**Engineering measures:** Work in well-ventilated area. Provide natural or explosion-proof fan to ensure adequate ventilation, especially in confined area. Avoid contact with skin, eyes, and clothing.

**Environmental exposure controls:** Construct a dike to prevent spreading. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Hygiene Measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating and drinking, smoking or using the lavatory and at the end of the working period. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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## Personal Protection:

**Respiratory** - In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Eyes** - Splash proof safety glasses.

**Skin** - Rubber or plastic apron. Rubber or plastic gloves. Long sleeved clothing or wear protective sleeves. Remove and wash contaminated clothing before re-use.

**Other protective equipment information** - Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Neoprene gloves. PVC disposable gloves. Nitrile rubber. Butyl rubber. Impervious gloves. (The breakthrough time of the selected glove(s) must be greater than the intended use period.)

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Powder
<b>Odor:</b>	None
<b>Color:</b>	White
<b>PH Value:</b>	Not Applicable
<b>Boiling Point:</b>	223°C
<b>Vapor Pressure (25°C):</b>	Not Applicable
<b>Density:</b>	18lb/gallon
<b>Solubility in water:</b>	Slightly Soluble
<b>Evaporation Rate (Butyl Acetate = 1):</b>	Not Applicable
<b>Volatile Organic Compounds:</b>	Not Applicable

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## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions. Hazardous reactions will not occur.

**Conditions to avoid:** Excessive heat.

**Materials to avoid:** Not Available.

**Hazardous decomposition products:** Not Available.

**Hazardous polymerization:** Under normal conditions hazardous polymerization will not occur.

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## 11. TOXICOLOGICAL INFORMATION

**Routes of Entry:** Absorbed through skin. Eye contact. Ingestion.

**Toxicity to Animals:** LD50: LD50/Oral/Rat = >5000mg/kg. LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

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## 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity\*:** Fish (Brachydanio rerio) LC50 (96h): >10,000 mg/l (method OECD 203)  
Crustacea (Daphnia magna) EC50 (24h): >1,000mg/l (method OECD 202)  
(\*Derived from literature for similar substances)

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

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## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:** Dispose in accordance with federal, state and local regulations.

The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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## 14. TRANSPORT INFORMATION

**DOT Classification:** Not a hazardous material (United States).

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## 15. REGULATORY INFORMATION

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on Inventory
Canada	DSL	Included on Inventory

### U.S. Federal Regulations:

**OSHA:** This product is considered non-hazardous.

### CERCLA SARA Hazard Category:

**Section 311 AND 312** - This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None

**Section 313** - This product contains the following substances 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: None

### U.S. State Regulations:

**California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)** - This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.**

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## 16. OTHER INFORMATION

### Hazardous Material Information System (HMIS):

<i>Scale 0-4</i>		<i>NFPA</i>	<i>HMIS</i>
4=Severe Hazard	Health	1	1
3=Serious Hazard	Flammability	0	0
2=Moderate Hazard	Reactivity	0	0
1=Slight Hazard			
0=Minimal Hazard			

THE INFORMATION AND RECOMMENDATIONS PRESENTED HEREIN ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. USER MUST CONDUCT THEIR OWN TESTS TO DETERMINE THE SUITABILITY OF THESE PRODUCTS FOR THEIR PARTICULAR PURPOSES AND USAGE. BECAUSE OF NUMEROUS FACTORS AFFECTING RESULTS, PROREZ COATINGS, LLC AND ITS AFFILIATION MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, OTHER THAN MATERIAL CONFORMS TO OUR APPLICABLE CURRENT SPECIFICATIONS. PROREZ COATINGS, LLC ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE ON THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET.

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