

# Safety Data Sheet

Date Issued: 1/25/17

Version: 1.0

## 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

**Product Names/Trade Names:** ProGrip 100 and ProGrip 50**Chemical Family:** 1-Propene, homopolymer; Polypropene**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! This product is micronized powder. Static charges on the powder may ignite flammable atmospheres. High levels of product dust in the atmosphere may present a dust explosion hazard. The toxicological properties of this material have not been fully investigated. May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

NON HAZARDOUS; NON DANGEROUS GOODS

Non-dangerous goods for transport according to the ADG code.

Non-hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) regulations 2001 and NOHSC

**Classification of the substance**

Eye Irritation 2B H320 Causes eye irritation

**Label Elements**

Hazardous components that must be listed on the label: Not Required

**Signal word:** Not Required**Pictograms:****Hazard Statements:**

H320 Causes eye irritation

H315 Causes skin irritation

# Safety Data Sheet

## Precautionary Statements

- P264 Wash exposed areas thoroughly after handling
- 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.

Repeated exposure may results in slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

**General Information:** This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. Prolonged contact may result in chemical burns and permanent damage. Repeated or prolonged contact causes sensitization, asthma and eczemas.

**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
1-Propene, homopolymer; Polypropene	>99.9%	9003-07-0

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## 4. FIRST-AID MEASURES

**General advice:** Seek medical advice or medical attention if condition persists.

**Eye contact:** Rinse immediately with plenty of water for at least 15 minutes.

**Skin contact:** Immediately remove any extraneous chemical, if possible without delay. Take off contaminated clothing and shoes immediately. Wash body off with soap and plenty of water.

**Ingestion:** Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. If a person vomits when lying on his back, place him in the recovery position and turn victim's head to the side. Do not induce vomiting.

**Inhalation:** Move to fresh air. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

**Notes to Physician:** No specific treatment. Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

**OSHA Flammability Class:** Combustible Solid

**Suitable Fire Extinguishing Media:** Water fog, foam, dry chemical, carbon dioxide.

**Special Exposure Hazards:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

# Safety Data Sheet

**Special Protective Equipment for Fire-Fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Watch footing on floors and stairs because of possible melting and spreading of material. Melts in proximity to fires causing slippery floors and stairs.

**Danger of Explosion:** When powder is suspended in air, may present an explosion hazard

**Flammable Limits:** 450F TOC

**Explosion Limits:** Not Available

**Auto-Ignition:** Not Available

**Flash Point:** >530°F (>277°C)

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** No 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:** Water polluting material. May be harmful to the environment if released in large quantities. 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:** Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment.

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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. Cares should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

**Storage:** Stored in cool, dry, ventilated area. Keep material tightly sealed. 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):** 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable fraction

**ACGIH TLV (TWA):** 10 mg/m<sup>3</sup> inhalable (total) particulate matter containing no asbestos and <1% crystal silica, A4

# Safety Data Sheet

**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.

## 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>	Solid
<b>Odor:</b>	Wax Odor
<b>Color:</b>	White
<b>PH Value:</b>	Not Available
<b>Boiling Point:</b>	Not Available
<b>Melting Point:</b>	330°F (166°C)
<b>Vapor Pressure (25°C):</b>	Nil
<b>Vapor Density:</b>	Heavier than Air
<b>Density (Nominal):</b>	7.51 lb/US gallon
<b>Solubility in water:</b>	Negligible
<b>Evaporation Rate (Butyl Acetate = 1):</b>	Not Available
<b>Volatile Organic Compounds:</b>	Not Available

# Safety Data Sheet

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## 10. STABILITY AND REACTIVITY

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

**Conditions to avoid:** Extreme heat, Sparks, and Open flame.

**Materials to avoid:** Strong oxidizing agents and Amines.

**Hazardous decomposition products:** Oxides of Carbon and Nitrogen.

**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. Treat as nuisance dust.

**Toxicity to Animals:** LD50: Not available. 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

**Environmental Effects:** No known significant effects or critical hazards.

**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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Refer to 40 CFR § 261.7 (residues of hazardous waste in empty containers).

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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## 14. TRANSPORT INFORMATION

Regulatory information	UN number	Classes	Packing Group	Proper Shipping Name
DOT				Not Regulated
TDG				Not Regulated
IMDG				Not Regulated
IATA				Not Regulated

# Safety Data Sheet

## 15. REGULATORY INFORMATION

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on Inventory
Canada	DSL	Included on Inventory
China	SEPA	Included on Inventory
Japan	ENCS	Included on Inventory

OSHA - This product is considered non-hazardous.

SARA 302/304/311/312 **extremely hazardous substances** – No ingredients listed.

SARA 311/312 **Hazard Identification** - No ingredients listed.

SARA 313 - No ingredients listed.

### 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.

**Canada WHMIS** – This product is considered non-hazardous.

**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.**

## 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	1	1
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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