

# Safety Data Sheet

Date Issued: 12/28/16

Version: 1.0

## 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

**Product Names/Trade Names:** ProClean B-100

**Chemical Family:** Biosolvent/Surfactant Blend

**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.

**Comments:** To the best of our knowledge, this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/EEC and Canadian Hazardous Product Act.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% By Weight	CAS Number
2-Methylpentane-2,4-diol	<15%	107-41-5
Proprietary surfactant blend	>85%	Not Applicable

## 3. 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.

### Potential Acute Health Effects:

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

**Potential Chronic Health Effects:** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

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## Hazard classification:

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

## Label Elements

### Labeling Regulation (EC) No 1272/2008

**Hazard Symbol(s):** None allocated

**Signal Word:** None allocated

**Hazard Statement(s):** None allocated

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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 Determined

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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).

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**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:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. 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). Contaminated absorbent material may pose the same hazard as the spilled product. 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. Cares should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

**Storage:** Keep in cool, dry, ventilated storage areas in closed containers. Transfer only to approved containers having correct labeling. Containers that have been opened should be carefully resealed and kept upright to prevent leakage. Do not take internally. Keep out of reach of children.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

**2-Methylpentane-2,4-diol: 107-41-5**

**OSHA PEL (TWA): 25ppm; 125mg/m<sup>3</sup> TWA**

**ACGIH TLV (TWA): 25ppm; 125mg/m<sup>3</sup> TWA**

**NIOSH REL (TWA): Not Applicable**

**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.

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**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>	Liquid
<b>Odor:</b>	Mild Musty
<b>Color:</b>	Clear, Colorless to Pale Yellow
<b>PH Value:</b>	8.5-9.0
<b>Initial Boiling Point:</b>	212°F (100°C)
<b>Vapor Pressure (25°C):</b>	<1mm Hg @22°C
<b>Density:</b>	8.33lb/US gallon
<b>Solubility in water:</b>	Complete
<b>Evaporation Rate (Butyl Acetate = 1):</b>	<1
<b>Volatile Organic Compounds:</b>	<50g/l as supplied

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## 10. STABILITY AND REACTIVITY

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

**Conditions to avoid:** Extreme temperatures. Contact with incompatible materials.

**Materials to avoid:** Not Available.

**Hazardous decomposition products:** Thermal decomposition products include oxides of carbon, oxides of 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.

**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 eye contact.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Persistence and Degradability:** Product is readily biodegradable.

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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.

## 14. TRANSPORT INFORMATION

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

**Marine Pollutant:** This product is not a marine pollutant.

## 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 material is not a "Hazardous Chemical" in accordance with OSHA 29 CFR 1910.1200.

### 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:

**Contains <2% diethanolamine (CAS # 111-42-2, <2%). Hazard Categories: Acute Health Hazard, Chronic Health Hazard**

**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

**SARA 302/304 Extremely Hazardous Substance:** No components of the product are subject to the reporting requirements of these sections of Title III of SARA.

**SARA 302/304 Emergency Planning & Notification:** No components of the product are subject to the reporting requirements of these sections of Title III of SARA.

**Comprehensive Response Compensation and Liability Act (CERCLA):** No components of this product are listed as hazardous substances.

### Clean Air Act (CAA)

This product does not contain any chemicals that are listed as a Hazardous Air Pollutants (HAPs) designated in CAA Section 112 (b). This product does not contain any Class 1 Ozone depleters. This product does not contain any Class 2 Ozone depleters.

### Clean Water Act (CWA)

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

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## 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.

## Right-to-Know:

**2-Methylpentane-2,4-diol (CAS #107-41-5)** is found on the following State Inventories or Right-to-Know lists:  
MA, PA

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	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.