ProREZ™
Performance Resins and Coatings
ProREZ Coatings, LLC
P.O. Box 153, Cromwell, CT 06416-0153
877.511.3456 ● www.prorezcoatings.com

Safety Data Sheet

Date Issued: 4/9/2019 **Version: 1.0**

1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

Product Names/Trade Names: ProCryl Cleaner
Chemical Family: Methyl Methacrylate (Stabilized) Monomer
Application/Use: Cleaning Agent/Cleaner
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. HAZARDS IDENTIFICATION

Classification of the substance

Flammable liquids	Hazard category 2	H225
Caustic burning / irritation of skin	Hazard category 2	H315
Skin Sensitization	Hazard category 1 B	H317
Specific Target Organ Toxicity -Single exposure	Hazard category 3	H335

Label Elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation.
Hazardous components that must be listed on the label:
Contains methyl methacrylate
Signal word: Danger
Pictograms:

Hazard Statements:
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary Statements
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P280 Wear protective gloves / eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container according to IAW local, state, and federal regulatio
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% By Weight	CAS Number
methyl methacrylate monomer	50-100%	80-62-6

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. Call the poison control center immediately if large quantities have been ingested. Corticosteroid cream has been effective and treating skin irritation in similar products with similar chemistries.

5. FIRE-FIGHTING MEASURES

Suitable Fire Extinguishing Media: Foam. Sand. CO_2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.
For safety reasons unsuitable extinguishing agents: Water with full jet
Specific hazards: Exothermic polymerization. In case of fire, the following can be released: Hydrocarbons. Carbon monoxide and carbon dioxide
Special protective equipment for fire-fighters: Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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: 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. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

Handling: Use only trained personnel. Remove contaminated clothing and wash it before reuse. Product is supplied in a stabilized form. Keep locked up. Keep away from heat. Keep away from sparks, flames and other sources of ignition. Use explosion proof equipment. Take precautionary measures against static discharges.

Container hazardous when empty. Emptied container retains vapor and product residue. Follow all SDS/label precautions even after the container is emptied. Residual vapors might explode on ignition; do not apply heat, cut, drill, grind or weld on or near this container.

Advice on protection against fire and explosion - Keep away from sources of ignition. NO SMOKING. Vapors are heavier than air. Flammable liquid. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint. Take precautionary measures against static discharges. Use only explosion-proof equipment. In the event of fire, cool the endangered containers with water. Fire-fighting must be carried out from a safe distance.

Storage: Store only in the original receptacle. Store in cool, dry conditions in well sealed receptacles. Do not allow to enter sewers/ surface or ground water. Store receptacle in a well ventilated area. Protect from heat and direct sunlight.
Maximum storage temperature: 25 °C

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:
METHYL METHACRYLATE (CAS: 80-62-6)
OSHA PEL (TWA): 100 ppm, 410 mg/m^3
ACGIH TLV (TWA): 50 ppm; 205 mg/m^3
NIOSH REL (TWA): Not Determined

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: Keep away from foodstuffs, beverages and feed. 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 – Tightly sealed goggles
Skin - Rubber or plastic apron. Rubber or plastic gloves. Butyl rubber, BR. 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.)

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Odor:	Acrid
Odor Threshold:	Not Determined
Color:	Colorless
Material Separation	<15 ºC (59ºF)
PH Value:	Not Determined
Boiling Point:	100ºC (212ºF)
Melting Point:	-48.2 °C (-55 °F)
Flash Point:	10 °C (50 °F)
Ignition Temperature::	430 °C (806 °F)
Vapor Pressure:	38.7 hPa (29 mm Hg) at 20°C/68°F
Density:	0.94 g/cm³ (7.844 lbs/gal) at 20°C/68°F
Density (Nominal):	Not Determined
Solubility in water:	1.6 g/l at 20°C/68°F
Dynamic Viscosity:	0.6 mPas at 20°C/68°F
Evaporation Rate:	Not Determined
Solvent Content (Organic Solvents):	0.0%

10. STABILITY AND REACTIVITY

Chemical stability:
Thermal decomposition/conditions to be avoided: Keep away from heat and direct sunlight.
Possibility of hazardous reactions: Exothermic polymerization.
Incompatible materials: Reacts with peroxides and other radical forming substances.
Hazardous decomposition products: Carbon monoxide (CO), Carbon dioxide (CO_2), Hydrocarbons.
Additional information: Do not allow to enter sewers/ surface or ground water.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 rat	> 5,000 mg/kg
Acute Inhalational Toxicity	LC50 rat, 4 h	29.8 mg/l
Acute Dermal Toxicity	LD50 rat	> 5,000 mg/kg

Contact with skin may cause irritations.
Contact with the eyes, based on available data, the classification criteria are not met.
Sensitization: May cause an allergic skin reaction.

Carcinogenicity: IARC (International Agency for Research on Cancer): 80-62-6 methyl methacrylate
NTP (National Toxicology Program): None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

Toxicity (Aquatic Toxicity) Effects: METHYL METHACRYLATE (CAS: 80-62-6)

EC50 (48h)	69 mg/l (Daphnia magna)
EC50 (96h)	170 mg/l (Selenastrum capricornutum)
EC3 (16h)	100 mg/l (Pseudomonas pudita)
NOEC	37 mg/l (Daphnia magna)
NOEC (72h)	> 110 mg/l (Selenastrum capricornutum)
LC50 (96h)	> 79 mg/l (fish)

Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Must be specially treated adhering to official regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Uncleaned Packagings: Packaging can be reused or recycled after cleaning. Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
Recommended cleansing agent: Acetone, ethylacetate

14. TRANSPORT INFORMATION

Regulatory Information	UN Number	Classes	Packing Group	Proper Shipping Name
DOT	UN1247	3	II	Methyl Methacrylate Monomer, Stabilized
ADR	UN1247	3	II	1247 Methyl Methacrylate Monomer, Stabilized
IMDG	UN1247	3	II	Methyl Methacrylate Monomer, Stabilized
IATA	UN1247	3	II	Methyl Methacrylate Monomer, Stabilized

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 material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
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: ACUTE, CHRONIC, FIRE
SARA 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: methyl methacrylate 80-62-6
Right-To-Know (RTK)
methyl methacrylate 80-62-6
New Jersey, Pennsylvania, and Massachusetts
California Safe Drinking Water & Toxic Enforcement Act (Proposition 65) - This product does contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.
N,N-dimethyl-p-toluidine 99-97-8
Canadian WHMIS – D1A, B2, D2B

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):

Scale 0-4		*NFPA*	*HMIS*
4=Severe Hazard	Health	1	1
3=Serious Hazard	Flammability	3	3
2=Moderate Hazard	Reactivity	0	0
1=Slight Hazard			
0=Minimal Hazard			

*** = chronic health 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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