

Material Safety Data Sheet

PC PETRIFIER

MSDS No. 90831-54

Date of Preparation: 8-31-2009

Revision:7

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PC PETRIFIER

Chemical Formula: Mixture

CAS Number: Mixture

General Use: Adhesive

Manufacturer: Protective Coating Company, Inc., 221 S. Third St., Allentown, PA 18102-4922, Phone (610) 432-3543, FAX (610) 432-5043 (9AM-5PM EST)

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Urethane Hybrid Polymer	Mixture	
Acrylic latex	Mixture	
Sodium dioctyl sulfosuccinate	577-11-7	
1-Methyl-2-Pyrrolidinone	872-50-4	

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Urethane Hybrid Polymer	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Acrylic latex	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Sodium dioctyl sulfosuccinate	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
1-Methyl-2-pyrrolidinone	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

HMIS

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PPE†B

†Sec. 8

Potential Health Effects

Acute Effects

Inhalation: None known.

Eye: Moderate eye irritation or sensitization.

Skin: Moderate skin irritation or sensitization.

Ingestion: Possible irritation.

Carcinogenicity: IARC, NTP, and OSHA do not list the components as carcinogens.

Medical Conditions Aggravated by Long-Term Exposure: skin and eye conditions.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air.

Eye Contact: Flush with water, consult a physician.

Skin Contact: Wash with water, consult a physician.

Ingestion: Seek medical advice.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

Flash Point: No data.

Flash Point Method: No data.

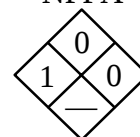
LEL: No data.

UEL: No data.

Flammability Classification: Non-Combustible.

Extinguishing Media: Product does not burn.

NFPA



Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Construct a dike to prevent spreading. Ventilate the space involved. Use absorbent material to collect for disposal

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: . Use absorbent material to collect for disposal

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions:

Storage Requirements: Storage temperature: 32° - 90° F(32°C). Store in a cool, dry, well ventilated area.

Regulatory Requirements:

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation systems.

Respiratory Protection: Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent skin contact. Wear protective eyeglasses or chemical safety goggles.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: liquid.

Appearance: milky white.

Vapor Pressure: same as water.

Vapor Density (Air=1): no data

Specific Gravity (H₂O=1, at 4 °C): 1.03

Water Solubility:

Boiling Point: 212 °F

Freezing/Melting Point: 32 °F

Viscosity: same as water.

PH: no data

Section 10 - Stability and Reactivity

Stability: PC Petrifier is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Mineral acids, Alkalies, Oxidizing agents, Sodium or Calcium Hypochlorite.

Conditions to Avoid: Freezing or boiling.

Hazardous Decomposition Products: Thermal oxidative decomposition of PC Petrifier can produce Carbon Monoxide and Carbon Dioxide.

Section 11- Toxicological Information

Toxicity Data:*

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Urethane Hybrid Polymer	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Acrylic latex	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Sodium dioctyl sulfosuccinate	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
1-Methyl-2-pyrrolidinone	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.

Section 12 - Ecological Information

Ecotoxicity: No data

Environmental Fate: No data
Environmental Degradation: No data
Soil Absorption/Mobility: No data

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not regulated
Shipping Symbols: Not applicable.
Hazard Class: Not Hazardous
ID No.: Not applicable.

Packing Group: Not determined
Label: Not required
Special Provisions (172.102):
None

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)
RCRA Hazardous Waste Classification (40 CFR 261.): Not classified
CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112
CERCLA Reportable Quantity (RQ), Not listed.
SARA 311/312 Codes: None.
SARA Toxic Chemical (40 CFR 372.65): Not listed.
SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed.

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed
OSHA Specifically Regulated Substance, none

State Regulations:

Section 16 - Other Information

Storage Requirements: Storage temperature: 32° - 90° F(32°C). Store in a cool, dry, well ventilated area.

Personal Hygiene: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, faceshield, and gloves.

Prepared By: Charles Moloney

Revision Notes:

Notes: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions- in addition to those described herein- are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

Disclaimer: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other natures are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.