

Material Safety Data Sheet

PC Petrifier

MSDS No. 50509-10

Date of Preparation: 5-9-2005

Revision:5

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 ☆☆☆☆☆

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†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.



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 | Packing Group: Not determined |
| Shipping Symbols: Not applicable. | Label: Not required |
| Hazard Class: Not Hazardous | Special Provisions (172.102): |
| ID No.: Not applicable. | 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:

Disclaimer: The above information is given in good faith. No warranty expressed or implied is made.