Material Safety Data Sheet
Presist

FOR EMERGENCY SPILLS OR LEAK CONTACT CHEMTREC (800)424-9300

SECTION I. MATERIAL IDENTIFICATION
Chemical Name and Synonyms: PVP derivative Chemical Family: Polyvinyl pyrrolidones compounds
Trade Name and Synonyms: Presist
Formula: Mixture of water-soluble

SECTION II INGREDIENTS AND HAZARDS
Ingredient: | % | Hazard Data:
Benzoic acid ester (CAS 94-13-3) | - | Oral rat LD50: 6000mg/kg
Benzoic acid ester (CAS 99-76-3) | - | Oral rat LD50: 7500mg/kg
Polyethylene Glycol | 4 | N/A
Naphthalene sulfonic acid deriv | - | N/A
Isopropanolamines | - | N/A
Methanol CAS(67-56-1) | 0.04 | TLV 250 ppm(skin) ACGIH

SECTION III PHYSICAL DATA
Boiling point at 1 atm, deg F: 212
Vapor pressure at (mm Hg): 10 at 15deg.C
Vapor density (Air=1): 2
Water solubility: complete
Appearance & Odor: Viscous yellow paste with mild pleasant odor

SECTION IV FIRE AND EXPLOSION DATA
Flash Point & Method: Non flammable
Flammability Limits in Air: N/A
Extinguishing Media: N/A
Autoignition Temp.: N/A
Upper: N/A Lower: N/A
Special Fire fighting procedures: Wear self-contained breathing apparatus if decomposition occurs
Unusual fire and explosion hazards: None known

SECTION V HEALTH HAZARD INFORMATION I TLV
Effect of Overexposure: N/A
FIRST AID:
Eye Contact: Flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.
Eye contact can cause itching or tearing.
Skin Contact: Prolonged skin contact can cause itching or burning. Wash hands with soap and water.
Wash contaminated clothing
Inhalation: Remove to fresh air. Excessive inhalation can cause nasal irritation, dizziness, nausea and headache.
Ingestion: Dilute by drinking milk or water. Induce vomiting with syrup of Ipecac. Contact Physician.
Ingestion can cause nausea, vomiting, and diarrhea.
SECTION VI. REACTIVITY DATA
Stability: stable \[\checkmark\]
unstable \[\xmark\]
Conditions to avoid: high heat
Will cause gel and solidification
Incompatibility: (Materials to avoid)
Strong oxidizing agents. Bases and acids

Hazardous decomposition products:
Carbon dioxide, carbon monoxide, nitrous oxides, sulfur oxides

Hazardous \[\text{may occur}\] \[\checkmark\]
Polymerization: \[\text{may not occur}\] \[\xmark\]

Conditions to avoid: \[\text{high heat. Freezing}\.\]

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES
Spills, leaks: (Steps to be taken) dam and scoop up spills for possible recovery or rework.
Waste disposal method: dispose of in accordance with federal, state and local regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION
RESPIRATORY PROTECTION: (SPECIFY TYPE)
Not normally required. If confined space use NIOSH approved organic respirator.

VENTILATION: \[\text{LOCAL EXHAUST: Recommended}\]
ISPECIAL:
IMECHANICAL (GENERAL)
OTHER:

General room ventilation to maintain exposure level below 1,000 ppm TL V.

PROTECTIVE GLOVES: \[\text{eye protection}\]
Impervious rubber gloves \[\text{goggles}\]

OTHER PROTECTIVE EQUIPMENT AND PRECAUTIONS:
Apron to protect clothing. Wash contaminated clothing or shoes.

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS STORAGE & HANDLING INFORMATION:
Store between 50 and 90 deg.F. away from direct sunlight or heat.
Other Precautions: Keep containers sealed after use. Avoid contact with eyes
DOT Class: Not Hazardous \[\text{Do not take internally}\]

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<tr>
<th>HAZARD IDENTITY</th>
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<tbody>
<tr>
<td>Health [\checkmark]</td>
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<tr>
<td>Flammability [\xmark]</td>
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<tr>
<td>Reactivity [\checkmark]</td>
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<tr>
<td>Contact [\checkmark]</td>
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