

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

Specific gravity (H2O=1): 1.18

Evap. Rate (BuAc =1)0.4

Volatiles, % by Volume: 53

Molecular weight: mixture

SECTION IV FIRE AND EXPLOSION DATA

Flash Point & Method: Non flammable

Flammability Limits in Air: N/A

Extinguishing Media: N/A

Special Fire fighting procedures: Wear self-contained breathing apparatus if decomposition occurs

Unusual fire and explosion hazards: None known

Autoignition Temp.: N/A

Upper: N/A Lower: N/A

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 | **x**
 unstable |

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 | may occur |

Polymerization: | may not occur | **x**

Conditions to avoid: | 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: | LOCAL EXHAUST: Recommended | SPECIAL:
 | MECHANICAL (GENERAL) | | OTHER:

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

| |

PROTECTIVE GLOVES: | EYE PROTECTION:

Impervious rubber gloves | 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 Do not take internally

HAZARD IDENTITY |

| Health | 1 |

| Flammability | 0 |

| Reactivity | 1 |

| Contact | B |

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