

Material Safety Data Sheet

Date last revised July, 2007

Pecora P-75**I. GENERAL INFORMATION**

Trade Name & Synonyms Pecora P-75	Product Description: Primer
Chemical Family Aromatic polyisocyanate in organic solvent	Formula Mixture
Shipping Description Resin Solution, 3, UN1866, II	DOT Hazard Classification Flammable Liquid
Manufacturer Pecora Corporation	Manufacturer's Phone Number 215-723-6051
Manufacturer's Address 165 Wambold Road, Harleysville, PA 19438	Emergency Phone Number (CHEMTREC) 800-424-9300

II. GENERAL INFORMATION

Principal Hazardous Components	Percent	Exposure Limits (OSHA 8-hr TWA unless noted)
Toluene (CAS # 1333-86-4)	30-70%	200 ppm; 300 ppm (ceiling); 50 ppm (ACGIH)
Aromatic polyisocyanate (CAS # proprietary)	20-50%	Not established
Toluene diisocyanate (CAS # 26471-62-5)	<0.5%	0.005 ppm; 0.02 ppm (Ceiling)
xylene (CAS # 1330-20-7)	0-20%	100 ppm
ethyl benzene (CAS # 100-41-4)	0-5%	100 ppm
Propylene glycol monomethyl ether acetate (CAS #108-65-6)	0-9%	100 ppm (recommended)
Toluene, toluene diisocyanate, xylene, and ethyl benzene are subject to the reporting requirements of SARA Title III, Section 313 and 40 CFR, part 372. WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.		
HMIS®: H = 2*; F = 3, Ph = 1 (HMIS is a registered trademark of the National Paint and Coatings Association)		

III. PHYSICAL DATA

Boiling Point (°F) Not established	Specific Gravity (H₂O = 1) 0.97
Vapor Pressure (mm Hg.) Not established	Percent Volatile by Volume (%) Not established
Vapor Density (Air = 1) Heavier	Evaporation Rate (ETHER= 1) Slower
Solubility in Water Insoluble	pH N/A
Appearance & Odor Pale amber liquid with solvent odor	

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method) 51 °F TCC.	Auto Ignition Temperature Not established	
Flammable Limits 1 – 7% for toluene	LEL Not established	UEL Not established
Extinguishing Media: Foam, water spray, dry chemical or CO ₂		
Special Fire Fighting Procedures: Wear self-contained breathing apparatus when fighting fires involving chemicals		
Unusual Fire & Explosion Hazards: Highly flammable. Vapor/air mixtures are explosive.		

V. Health Hazard Data	
Occupational Exposure Limits See Section II	Carcinogenicity Toluene diisocyanate, ethyl benzene
Symptoms of Exposure: Direct contact with the uncured material may irritate the eyes and skin. Vapors may irritate the eyes, skin, and respiratory tract particularly in an enclosed or poorly ventilated area. Overexposure to toluene may cause fatigue, confusion, headache, dizziness, drowsiness, dilated pupils, secretion of tears, anxiety, or insomnia. Peculiar skin sensations (e. g. pins and needles) or numbness may also be produced. Very high concentrations may cause unconsciousness and death. Harmful or fatal if swallowed. Aspiration can cause chemical pneumonitis, which may be fatal. Repeated or prolonged contact has a defatting action, causing drying, redness, dermatitis. Liver and kidney damage may occur. Exposure to toluene may affect the developing fetus.	
Medical Conditions Aggravated By Exposure: Persons with pre-existing skin disorders or impaired liver or kidney function may be more susceptible to the effects of this substance. Alcoholic beverage consumption can enhance the toxic effects.	
Primary Route (s) of Entry: Inhalation and skin or eye contact.	
Emergency First Aid: Inhalation: move to fresh air. If breathing is difficult, give oxygen. Call a physician. Skin: remove material and wash with soap and water. Eyes: flush with running water for 15 minutes. Consult a physician. Ingestion: consult a physician immediately.	

VI. REACTIVITY DATA			
Stability		Unstable	Conditions to Avoid: Water and high temperatures
	X	Stable	
Incompatibility			Materials to Avoid: Water and strong acid
Hazardous Polymerization		May Occur	Conditions to Avoid: High humidity and high temperatures
	X	Will Not Occur	
Hazardous Decomposition Products: Oxides of carbon and oxides of silicone, such as siloxane or other fumes which may be toxic			

VII. ENVIRONMENTAL PROTECTION PROCEDURES	
Spill Response: Ventilate area of leak or spill. Remove all sources of ignition. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material such as sand or dirt. Do not use combustible materials, such as saw dust. Pick up and place in a container for disposal. Do NOT wash away into sewer. Do NOT let this chemical enter the environment. Personal protection: self-contained breathing apparatus. Dispose in accordance with regulations.	

VIII. SPECIAL PROTECTION INFORMATION	
Eye Protection Use safety glasses	Skin Protection Use impermeable gloves
Respiratory Protection (Specific Type) Use NIOSH-approved organic vapor respirator	Ventilation Recommended Local ventilation
Other Protection:	

IX. SPECIAL PRECAUTIONS	
Hygienic Practices In Handling & Storage: Provide adequate ventilation or use NIOSH-approved respiratory protection. Use impermeable gloves. Wash hands after use. Store in a dry area away from heat. To prolong shelf life, store at temperatures below 80 °F.	
Precautions For Repair & Maintenance of Contaminated Equipment: See sections V, VI, VII, and VIII.	
Other Precautions:	
FOR PROFESSIONAL USE ONLY KEEP OUT OF REACH OF CHILDREN	