

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Pelucid**
 Product Use/Restriction: Clear coat
 Manufacturer Name: POR 15
 Address:
 CHEMTREC: Y
 Canutec: Y
 MSDS Format: ANSI

HMIS	
Health Hazard	3
Fire Hazard	3
Reactivity	1
Personal Protection	

* Chronic Health Effects

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Urethane Polymer	Proprietary	Maximum: 47.0% %	
Xylene	1330-20-7	Maximum: 28.8% %	
Ethyl Benzene	68333-23-3	Maximum: 7.2% %	
Isophorone Diisocyanate	4098-71-9	Maximum: 0.48% %	
Isocyanate Oligomer	Non-hazardous	Maximum: 16.0% %	

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Hazardous according to criteria of Worksafe Australia
Eye: Contact with eyes may cause burning and tearing.
Skin: Prolonged or repeated skin contact may cause irritation and dermatitis.
Inhalation: Vapors may cause irritation of the respiratory tract. Vapors emitted from high temperature processes may cause sensitization. Excessive exposure to vapors or spray mists can result in headache, dizziness, incoordination, nausea and loss of consciousness. Some reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

SECTION 4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 to 20 minutes occasionally lifting eyelids. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash contaminated clothing thoroughly before re-use.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. If difficulty noted in breathing, get medical attention at once.
Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties: 1C, A II
Flash Point: 28°C (82°F)
Lower Flammable/Explosive Limit: 1.0%
Extinguishing Media: Dry chemical (e.g. monoammonium phosphate, potassium sulfate, and potassium chloride), carbon dioxide, high expansion (proteinic) chemical foam, sand.
Protective Equipment: As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards: This material may form toxic isocyanate vapors if heated.
Universal Fire And Explosion Hazards: This material may form toxic isocyanate vapors if heated.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions: Wear protective equipment during cleanup.
Environmental Precautions: Prevent this material from entering waterways.
Spill Cleanup Measures: Ventilate area. Absorb spill with suitable absorbant material and place in a closed container.
Methods for containment: Ventilate area. Absorb spill with suitable absorbant material and place in a closed container.
Methods for cleanup: Ventilate area. Absorb spill with suitable absorbant material and place in a closed container.

SECTION 7 - HANDLING and STORAGE

Handling:	Avoid inhalation of heated vapors or spray mists. Avoid prolonged or repeated skin contact.
Storage:	Prevent contamination with moisture, alcohols, glycols, and strong bases.
OTHER PRECAUTIONS:	Isocyanate compounds may react violently with water, alcohols, glycols, and strong bases. Violent container rupture may result if this material is placed in a closed container with other reactive materials.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. Contact lenses should not be worn.
Skin Protection Description:	Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered to a minimum.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, spray painting, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Eyewash and deluge shower should be available.

EXPOSURE GUIDELINES

Xylene :

Guideline Type:	OSHA PEL-TWA
Guideline Info:	100 ppm (435 mg/m3)

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Clear liquid
Odor:	Aromatic odor
Boiling Point:	135 - 142°C (275 - 288°F)
Specific Gravity:	1.0 (Water = 1)
Vapor Density:	Heavier than air
Percent Volatile:	40% By Volume
Evaporation Rate:	Slower than n-Butyl Acetate
Evaporation Point:	Slower than n-Butyl Acetate
Molecular Formula:	Mixture
Molecular Weight:	Varies
Flammability:	Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.
Flash Point:	28°C (82°F)
VOC Content:	Maximum VOC: 410 grams/liter Maximum VOS: 3.42 lbs per gallon

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatible Materials:	Water, amines, strong bases, alcohols. Maintain at room temp. or cooler.
Special Decomposition Products:	At elevated temperatures, isocyanate vapors may be formed. Under severe thermal degradation, carbon monoxide and low molecular weight organic compounds may be formed.

SECTION 11 - TOXICOLOGICAL INFORMATION

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines. Triple-rinse drum prior to offering for recycle.
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SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name: Paint
DOT UN Number: UN1263
DOT Hazard Class: 3
DOT Packing Group: III

SECTION 15 - REGULATORY INFORMATION

Section 311/312 Hazard Categories: This material has been categorized as having the following hazard(s) as defined by SARA Title III regulations (40 CFR 370):

Canada WHMIS: Canadian WHMIS Classification: 82, D2A, D2B

Xylene:

Section 313: The following ingredients in this material are subject to the reporting requirements of section 313 of SARA and 40 CFR 372 (see Section 2 for percentage of ingredients):
Xylene (1330-20-7)

Ethyl Benzene:

Section 313: The following ingredients in this material are subject to the reporting requirements of section 313 of SARA and 40 CFR 372 (see Section 2 for percentage of ingredients):
Ethyl Benzene (100-41-4)

SECTION 16 - ADDITIONAL INFORMATION

General Use: Clear coat
HMIS Health Hazard: 3
HMIS Fire Hazard: 3
HMIS Reactivity: 1

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