

M A T E R I A L   S A F E T Y   D A T A   S H E E T

PRODUCT NAME: ENVIRO-FINISH POLYURETHANE COATING - PART A      HMIS CODES: H F R P  
PRODUCT CODE: 6439CL CLEAR UV      2\*3 0

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: PCL  
ADDRESS : 3150 E. PICO BLVD.  
          LOS ANGELES, CA 90023-3683  
EMERGENCY PHONE(CHEMTREC) : (800) 424-9300      DATE PRINTED : 6/17/2010  
INFORMATION PHONE : (800) 672-4900      NAME OF PREPARER :

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	
		mmHG	@TEMP(F)
n-BUTYL ACETATE ACGIH TLV: 150 ppm	123-86-4	8.4	68
~ TOLUENE OSHA PEL: 200 ppm, ACGIH TLV: 100 ppm	108-88-3	21.8	68
UV ABSORBER OSHA PEL: NE, ACGIH TLV: NE	104810-48-2	NA	NA
BIS SEBACATE; METHYL SEBACATE OSHA PEL: NE, ACGIH TLV: NE	41556-26-7	0	68

~Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE (Deg F): 230 - 662      DENSITY: 8.67 lb/gal  
VAPOR DENSITY: HEAVIER THAN AIR      SPECIFIC GRAVITY (H2O=1): 1.04  
COATING V.O.C.: 1.32 lb/gal      MATERIAL V.O.C.: 1.32 lb/gal  
COATING V.O.C.: 158 g/l      MATERIAL V.O.C.: 158 g/l  
SOLUBILITY IN WATER: Negligible      EVAPORATION RATE: SLOWER THAN ETHER  
APPEARANCE AND ODOR: Clear liquid with mild odor

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT (Deg F): 40      METHOD USED: TCC  
FLAMMABLE LIMITS IN AIR BY % VOLUME- LOWER: 0      UPPER: 7.6

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES  
Use approved gas mask and full protective clothing. Water may be used to cool closed container to prevent pressure build-up and possible explosions due to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep away from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat due to pressure build-up.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

Not classified as dangerous under EC criteria.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents, isocyanates and acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Thermal decomposition may yield CO and/or CO<sub>2</sub>, oxides of nitrogen, amines & other aliphatic fragments.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Inhalation: May cause irritation to nose, throat and respiratory tract. High vapor concentrations may cause CNS depression.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin and eye contact: May result in dry, de-fatted and cracked skin causing increased susceptibility to infection or dermatitis. Irritated eyes may cause tearing, reddening and swelling. Prolonged exposure may cause conjunctivitis.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption may cause systemic effects similar to those identified under inhalation effects.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion may result in irritation and possible corrosive action in the mouth, stomach and digestive tract. Vomiting may cause aspiration resulting in chemical pneumonitis.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause eye, nose and skin irritation, headache, dizziness and nausea. Ingestion may result in vomiting; aspiration of liquid into the lungs may result in aspiration pneumonitis. Chronic: Long term exposure may lead to central nervous system depression and dermatitis.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Asthma and any other respiratory disorders (bronchitis, emphysema, hyper-reactivity), skin allergies and eczema.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY.

SPLASH (EYES): FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST

15 MINUTES. SPLASH (SKIN): WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION AND PROVIDE VENTILATION. SOAK UP WITH DIATOMACEOUS SILICA AND PICK UP WITH A SHOVEL. FOR LARGE SPILLS, USE WATER SPRAY TO DILUTE SPILL TO A NONCOMBUSTIBLE MIXTURE. PREVENT RUNOFF FROM ENTERING DRAINS AND SEWER.

WASTE DISPOSAL METHOD

Incinerate under safe conditions or dispose of in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away from excessive heat, sparks, and open flame. Keep containers tightly closed. This product contains a chemical substance that is reportable under the Significant New Use Rule (SNUR), reference EPA's CFR721.2980 and CFR 721.9-- Release to water.

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged contact. Ground equipment to prevent accumulation of static charge.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

Use self-contained breathing apparatus where vapor concentration may be above TLV limits. Where vapor does not exceed TLV limits, use NIOSH/MSHA approved respirator.

VENTILATION

Adequate volume and pattern to keep air contaminant concentration below current applicable OSHA or ACGIH TLV limits.

PROTECTIVE GLOVES

Chemical resistant gloves

EYE PROTECTION

Chemical goggles, safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Eye bath and safety shower

WORK/HYGIENIC PRACTICES

Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

===== SECTION IX - TRANSPORT INFORMATION =====

DOT (GROUND)

1.3 gallons (5 liters) or less:

UN1263,Paint,3,PGII, "Ltd. Qty."

Greater than 1.3 gallons (5 liters):  
UN1263, Paint,3,PGII

AIR  
UN1263,Paint,3,PGII

===== SECTION X - REGULATORY INFORMATION =====

CALIFORNIA PROPOSITION 65  
This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Contains: Toluene -

===== SECTION XI - DISCLAIMER =====

The information contained herein is based on the data available to us and is believed to be correct. However, PCL makes no warranty expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. PCL assumes no responsibility for injury from the use of the product described herein.