

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Clear Seal 5000

HMIS CODES: H F R P
2 3 0 G

SECTION I — MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Protective Coatings Technology, Inc.
ADDRESS: 5385 Freitag Drive #1
Menomonie, WI. 54751
INFORMATION PHONE: 1-800-846-3020
EMERGENCY PHONE: 1-800-535-5053
REASON REVISED: New
DATE REVISED: 05/17/06
NAME OF PREPARER: T.E. DeZurik

SECTION II — HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT PERCENT
		OSHA PEL MFG's.	ACGIH	TLV	mm Hg	@ Temp	
*Xylene	1330-20-7	100 PPM	100 PPM	100	5.10	68°F	30-60
*Ethylbenzene	100--41-4	100 PPM	100 PPM	100	7.1	68°F	7.13

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

T/S = Trade Secret N/A = Not Available N/E = None Established

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 276° F
VAPOR DENSITY: Heavier Than Air
COATING V.O.C.: 4.98 LB/G (597 g/L)
MATERIAL V.O.C.: 4.98 LB/G (597 g/L)
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR RANGE: Clear Liquid, Aliphatic-Aromatic Odor
SPECIFIC GRAVITY (H²O=1) 0.96338
EVAPORATION RANGE: Slower Than Ether
% VOLATILE/VOLUME 68.65%

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

FLASH POINT: 81° F
METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 1.0% UPPER: 7.0%

EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point. Heavy vapors can travel to source of ignition and flash back.

=====SECTION V — REACTIVITY DATA=====

STABILITY: Stable

CONDITIONS TO AVOID: Also refer to sections IV, VI, VII & VIII.

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: CO, CO₂, smoke.

HAZARDOUS POLYMERIZATION: Will not occur.

=====SECTION VI — HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye watering, headaches, nausea, dizziness and loss of coordination. Excessive inhalation of vapors in high concentrations may result in narcosis. (Central Nervous System depression).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin: Prolonged or repeated exposure can cause moderate irritation, defatting, and dermatitis.

Eyes: Severe irritation, redness, tearing and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Repeated exposure of the skin to this product can lead to redness or irritation of the skin. Skin redness or skin rash may be early signs of potential dermatitis. Avoid repeated skin contact.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Chronic exposure may cause damage to the Central Nervous System, Lungs, Eyes, Skin, Gastrointestinal Tract, Liver, Spleen, and Kidneys.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

Laboratory studies with rats have shown that petroleum distillates cause kidney or liver tumors. Several studies of petroleum workers have not shown a significant increase in kidney or liver tumors.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Any person with known medical problems with liver, kidney, lungs or skin needs a doctor's opinion as to working with this product.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove to fresh air. If breathing difficulty persists consult a physician.
Eye Contact: Flush with water for at least 15 minutes; call a physician.
Skin Contact: Wash with soap and water. If irritation occurs consult physician.
Ingestion: Do not induce vomiting. Do not give fluids. Call a physician immediately and have the names of ingredients available.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate area. Remove sources of ignition. Prevent skin contact & breathing of vapor. Wear properly fitted NIOSH/MSHA approved positive pressure self-contained breathing apparatus. Contain spill with a dike to prevent flow into sewers and streams. Pump into container for disposal or reclamation. Soak up small spills with inert absorbent.

WASTE DISPOSAL METHOD

Contain liquids and prevent discharges to streams or sewers, control or stop the loss of volatile materials to the atmosphere. Do not allow material to contaminate ground water systems. Incinerate absorbed material in accordance with federal, state, and local requirements. Do not incinerate in closed containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Observe label precautions. Avoid breathing vapors, use with adequate ventilation. Wear NIOSH/MSHA approved respiratory protection if there is potential for exposure above the exposure limit. Do not get in eyes or on skin. Keep away from heat, pilot lights, sparks, and flame. Do not eat, drink or smoke in areas where material is used. Close container after each use. Ground containers when pouring. Wash thoroughly after handling. Do not store above 120 degrees F. Vapors are heavier than air and will tend to collect in low areas. Avoid use in confined spaces. Areas of poor ventilation could contain concentrations high enough to cause unconsciousness and death. Do not reuse container.

OTHER PRECAUTIONS

Do not sand, flame cut, braze or weld dry coating without a NIOSH/MSHA approved respirator or appropriate ventilation.

=====SECTION VIII — CONTROL MEASURES=====

RESPIRATORY PROTECTION

Wear a properly fitted vapor/particulate respirator approved by NIOSH/MSHA (TC-23C) for use with paints during application and until all vapors and spray mists are exhausted. In confined spaces or where continuous spray operations are typical, wear a positive-pressure, supplied air respirator (TC-19C). Follow respirator manufacturer's instructions.

VENTILATION

Provide sufficient ventilation in volume and pattern to keep contaminants below the TLV limit and applicable OSHA requirements. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES

Neoprene gloves are recommended.

EYE PROTECTION

Desirable in all industrial situations. Include splash guards or side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Rubber apron and coveralls are recommended.

WORK/HYGIENIC PRACTICES

Do not breath vapors or mists.

=====SECTION IX — DISCLAIMER=====

DISCLAIMER

The information in this MSDS is provided without any representation or warranty expressed or implied, regarding its accuracy or completeness. The handling, storage, use & disposal of the product are beyond our control. We do not assume responsibility & disclaim liability for loss, damage, or expense connected with the handling, storage, or use of product.