

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Poly-Wall AIRLOK FLEX®

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  
**EMERGENCY PHONE:** 1-800-535-5053  
**INFORMATION PHONE:** 1-800-846-3020  
**DATE REVISED:** 05/17/06  
**REASON REVISED:** New Issue  
**NAME OF PREPARER:** Ted 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.:** 4.39 LB/G (526 g/L)  
**MATERIAL V.O.C.:** 4.39 LB/G (526 g/L)  
**SOLUBILITY IN WATER:** Non-Soluble  
**APPEARANCE AND ODOR RANGE:** Gray To Black Liquid, Aliphatic-Aromatic Odor  
**SPECIFIC GRAVITY (H<sup>2</sup>O=1)** 1.00  
**EVAPORATION RANGE:** Slower Than Ether  
**% VOLATILE/VOLUME:** 60.66%

=====**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, CO<sub>2</sub>, 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.

=====**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, CO<sub>2</sub>, 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 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: In the unlikely event of ingestion, 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 vapor/particulate respirator. Confine and remove material with inert absorbent.

**WASTE DISPOSAL METHOD**

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. Keep away from heat, sparks, and flame. Close container after each use. Ground containers when pouring. Wash thoroughly after handling and before eating or smoking. Do not store above 120 degrees F.

**OTHER PRECAUTIONS**

Do not sand, flame cut, braze or weld dry coating without a NIOSH/MSHA approved respirator or appropriate ventilation. All solvent vapors are heavier than air and can stratify if air is not exhausted. Turn off all pilot lights or sources of open flame, sparks or ignition.

**====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.