

Material Safety Data Sheet

Reviewed 1/01

Section I

Manufacturer's Name
Coatings For Industry, Inc.
319 Township Line Road
Souderton, PA 18964

Emergency Response #
1-800-535-5053

Non-Emergency #
215-723-0919

Product Class
Epoxy Resin Hardener

Trade Name & Synonyms
Wearcoat 490, 491, 499
Polyamide Epoxy Part B

Hazard Rating

Health	3
Fire	3
Reactivity	0

Section II - Hazardous Ingredients

	%	CAS #

-- Polyamide Resin	Approx. 70%	Proprietary

-- Xylene	Approx. 30%	#1330-20-7
OSHA (TWA)	100 ppm (435 mg/m ³)	
(STEL)	150 ppm (655 mg/m ³)	

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*SARA Title III Section 313: This product contains xylene with the above % and is subject to the reporting requirements.

*Suspected cancer agent? Yes _____ No X

Section III - Physical Data

Specific Gravity .943

Boiling Point	281-284° F.
Vapor Density (air=1)	Heavier than air
% Volatile by Volume	30%

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Evaporation Rate (butyl acetate=1)	Slower than ether
Solubility in Water	None
Appearance and Odor	Clear with solvent odor

Section IV - Fire and Explosion Hazard Data

Flash Point	80° F. TCC
Flammable Limits	
LEL - 1.0	
UEL - 7.0	
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide (CO ₂)

Specific Fire Fighting Procedures and Precautions:

Toxic fumes will be evolved when this material is involved in fire. Self-contained breathing apparatus should be available for fire fighters.

Handle as a flammable liquid. Keep away from heat, sparks and flames. Keep container closed. Use with adequate ventilation. Ground all transfer equipment.

Section V - Health Hazard Data

Effects of Overexposure

Exposure to high air concentrations can cause loss of appetite, nausea, vomiting, abdominal pain, breathing difficulty, drowsiness, dizziness, headache and possibly unconsciousness. Prolonged or repeated exposure can cause damage to kidneys and liver. Contact with skin and eyes can be irritating.

Emergency and First Aid Procedures

Eyes

Immediately flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. **Get immediate medical attention.** If a physician is not immediately available, continue flushing with water.

Skin

Wash with soap and water. Remove contaminated clothing and shoes. Launder clothing before re-use and discard contaminated leather articles. Get medical attention if swelling or reddening occurs.

Inhalation

Remove to fresh air if effects occur and administer oxygen if necessary. **Get medical attention if effects persist.**

Ingestion

Do not induce vomiting. Keep person warm, quiet, and get immediate medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

Medical Conditions Aggravated by Exposure: Not Known

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Section VI - Reactivity Data

Stability - Stable

Incompatibility - Material is normally stable. Avoid contact with strong oxidizing agents.

Avoid heat, sparks and open flames, fire and hot surfaces.

Hazardous Decomposition Products - Thermal decomposition may yield carbon monoxide.

Hazardous Polymerization - Will not occur.

Section VII - Spill or Leak Procedures

If Material is Spilled: Eliminate all ignition sources. Persons not wearing appropriate protective equipment (see below) should be excluded from the area of spill until clean-up is complete. Stop spill at source, dike area to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on clay, diatomaceous earth or other absorbent, and shoveled into disposal containers.

Waste Disposal Method: Dispose of waste in accordance with federal, state, and local regulations.

Section VIII - Special Protection Information

Respiratory Protection: NIOSH approved respiratory protection required in absence of proper environmental control. For emergencies, a self-contained breathing apparatus or full-face respirator is recommended.

Ventilation: Breathing of vapors must be avoided. Ventilation must be sufficient to control vapors. This material should be confined as far as possible within sealed or covered equipment in which case normal ventilation should be adequate. Special (local) ventilation will be needed in areas where vapors are expected to be vented.

Hand Protection: Impervious gloves, neoprene or rubber.

Eye Protection: Splash proof goggles or safety spectacles with side shields.

Other Protective Equipment: Clean, body-covering clothing. Further safety equipment (apron, footwear, etc.) should be used as necessary to prevent contact with material.

Section IX - Special Precautions

Flammable Liquid. Keep from heat, sparks, open flame and hot surfaces.

Prevent skin and eye contact. Avoid breathing vapors. Re-seal partly used containers. Ensure that all containers are properly labeled to prevent accidental ingestion. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

Observe conditions of good industrial hygiene and safe working practice.

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DOT Classification: Flammable Liquid

SARA III:

Section 311/Section 312 - This product is classified into the following hazard categories due to xylene content:

Immediate Health

Delayed Health

Fire

Section 313 - This product contains the following reportable ingredients:

Xylene - CAS #1330-20-7 Maximum % listed in Section II.

NOTE: This information is presented in good faith and believed to be accurate as of the effective date below. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another: it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

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