

Material Safety Data Sheet

Revised 4/03

Section I

Manufacturer's Name
Coatings For Industry, Inc.

Address
319 Township Line Road
Souderton, PA 18964

Emergency Response #
1-800-535-5053
Non-Emergency #
215-723-0919

Chemical Name & Synonyms
Two Component Acrylic Polyurethane Coating
Pigmented

Trade Name & Synonyms
Urethabond 166 Part A

Section II - Hazardous Ingredients

	Approx. %	TLV	CAS#

-- Acrylic Resin	29 to 33	Not Established	

-- Ethyl 3-Ethoxypropionate (EEP)	6.5 to 10	Not Established	763-69-9
An exposure limit has not been established. Recommended exposure limit is 50 PPM as an 8 hr. TWA and 100 PPM as a 15 minute STEL.			

-- Aromatics 100	12 to 18.5	OSHA: 150 PPM TWA 200 PPM STEL ACGIH: 150 PPM TWA 200 PPM STEL	64742-95-6

-- Xylene *This ingredient is present as an impurity in Aromatics 100	Aprox. 1.1	Not Established	1330-20-7

-- Propyl benzene *This ingredient is present as an impurity in Aromatics 100	Aprox. 1.2	Not Established	103-65-1

-- 1,3,5-Trimethylbenzene *This ingredient is present is present as an impurity in Aromatics 100	Aprox. 2.2	OSHA: Not Established ACGIH: 25.00 ppm TWA 35.00 ppm STEL	108-67-8

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**** This product contains Aromatics 100 solvent which is subject

Chronic Skin Contact-Chronic skin exposure to solvents may cause effects similar to those identified under Chronic Inhalation Effects.

Acute Eye Contact- Liquid, aerosols, and vapors of this product are irritating and can cause tearing, reddening and swelling of the eye. If left untreated, corneal damage can occur and injury is slow to heal. However, damage is usually reversible. See Section VI for treatment.

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Section V - Health Hazard Data (Cont'd)

Chronic Eye Contact- Prolonged vapor contact may cause conjunctivitis.

Acute Ingestion- Can result in irritation and possible corrosive action in the mouth, stomach tissue and digestive tract. Vomiting may cause aspiration of the solvent resulting in chemical pneumonitis.

Chronic Ingestion- None found.

Carcinogenicity- NTP: not listed
IARC: not listed
OSHA: not regulated

Medical Conditions Aggravated by Exposure : None known

Exposure Limits: Not established for product as a whole. Refer to Section II for exposure limits of hazardous constituents.

Emergency and First Aid Procedures

Eye Contact- Flush with clean, lukewarm water (low pressure) for at least 15 minutes, while lifting eyelids. Obtain medical attention if irritation persists.

Skin Contact - Remove contaminated clothing immediately. Wash skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

Ingestion - Do not induce vomiting. Do not give anything by mouth to an unconscious person. Consult a physician.

Inhalation - Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

Section VI - Employee Protection

Eye Protection Requirements... Safety glasses, splash goggles or face shield. Contact lenses should not be worn.

Skin Protection Requirements... Chemical resistant gloves. Cover as much of the exposed area as possible with appropriate clothing.

Respirator/Ventilation Requirements... Exhaust ventilation sufficient to keep the airborne concentrations of the solvents below their respective TLVs. A respirator that is recommended or approved for use in organic vapor containing environments (air purifying or fresh air supplied) may be necessary. In spray applications an organic vapor/particulate respirator or air supplied air unit is necessary. The use of a positive pressure supplied air respirator is mandatory when: airborne concentrations are not known; when levels are 10 times the appropriate TLV; or if spraying is performed in a confined space or area with limited ventilation. Take into account other materials being used

concurrently, the type of application and environmental concentrations when selecting a respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Additional Protective Measures... Safety showers and eyewash stations should be available. Educate and train employees in safe use of product. Follow all label instructions.

Section VII - Reactivity Data

Stability Stable under normal conditions
Hazardous Decomposition Products..... By Fire: CO, CO₂
Hazardous Polymerization..... Will not occur
Incompatibilities..... Avoid contact with strong alkalizing agents

Section VIII - Spill or Leak Procedures

If Material is Spilled : Evacuate nonessential personnel. Remove all sources of ignition and ventilate the area. Equip clean up crew with appropriate protective equipment (See Employee Protection Recommendations). Soak up in absorbent material such as sand, vermiculite, Fuller’s Earth and collect material in suitable containers.

Waste Disposal Method - Waste may be incinerated or disposed of in accordance with federal, state, and local environmental control regulations. Empty containers must be handled with care due to product residue and flammable solvent vapor. Do not heat or cut empty container with electric or gas torch. (See Sections IV and VII).

Section IX - Special Precautions and Storage Data

**** Limit storage of flammable material to approved areas ****

Storage Temperature (min/max) 32° F. (0 C.)/122° F. (50 C.)
Special Sensitivity: Material is hygroscopic and may absorb small amount of atmospheric moisture. Containers should be tightly closed to prevent contamination with foreign materials and moisture.

Handling/Storage Precautions: ****Material is FLAMMABLE - Keep away from heat, sparks and open flame.**** Take precautions to prevent against the buildup of electrostatic charges. Store in tightly closed containers to prevent moisture contamination. Practice caution and good personal cleanliness to avoid contact with skin and eyes. Avoid breathing vapors.

****NOTE** -** Two component system - The cautions and hazards of both components apply to combined product when mixed.

Section X - Regulatory Information

D.O.T. Shipping Name Paint
D.O.T. Hazard Class Flammable Liquid, 3 (Combustible)
UN/NA Number UN1263

Section XI - Federal Regulatory Information

