

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

Trade Name
EXP W143P

Formula
Proprietary

Section II - Hazardous Ingredients

	%	ACGIH/TLV	OSHA/PEL	CAS#
Phenolic Resin	21-26	N.E.	N.E.	-----
N-Butyl Alcohol	<1.0	TWA 50ppm ceiling (skin)		71-36-3
Diethylene Glycol Monobutyl Ether	2.4-2.8	N.E.	N.E.	112-34-5

N.E. – Not Established

Section III - Physical Data

Specific Gravity ~~~~~ 1.08 – 1.12
% Volatile by Weight ~~~~~ Approx. 48%
Vapor Density ~~~~~ Heavier than air
Solubility in Water ~~~~~ Partly soluble
Appearance and Odor ~~~~~ Black / gray liquid with a pungent odor

Section IV - Fire and Explosion Hazard Data

Flash Point ~~~~~ Greater than 200° F. (Not regulated)
Extinguishing Media – Use extinguishing agent suitable for surroundings: Carbon Dioxide, waterspray, foam, or dry chemical.
Unusual Fire and Explosion Hazards - Material will not sustain combustion but closed containers may explode due to build up of steam pressure when exposed to heat. Emits toxic fumes under fire conditions.

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Section V - Health Hazard Data

Threshold Limit Values - See Section II

Primary Route of Exposure – Inhalation, skin absorption, and ingestion.

Effects of Overexposure –

Inhalation: No specific information. May cause irritation. May release formaldehyde which can cause pulmonary edema and sensitization of the respiratory system. Contains butyl alcohol which may cause irritation of the respiratory tract, headache, vertigo, sore throat, coughing, nausea, pulmonary injury and central nervous system effects.

Skin contact: No specific information. May cause irritation. Contains butyl alcohol which may cause irritation.

Skin absorption: No specific information. May emit formaldehyde which may cause sensitization reactions to those previously exposed. Contains butanol which may be absorbed through the skin.

Swallowing: No specific information. Contains butyl alcohol which may cause irritation, dizziness, dullness, and vertigo.

Eye contact: No specific information. May cause irritation, redness and tearing. Contains butyl alcohol which may cause irritation.

Chronic Exposure: Contains Butanol which may cause mutagenic, reproductive, embryo and fetal toxic and teratogenic effects.

Toxicity text:

N-butyl alcohol: 8000 ppm/4 hr inhal rat lc50, 3400 mg/kg skin rabb
Ld50, 28400 mg/m³ inhalation mammal lc50

CARCINOGEN: IARC: no NTP: no OSHA: no

May emit formaldehyde which is carcinogenic to animals (nasal cancer). Listed as an experimental animal carcinogen (IARC, NTP), a probable human carcinogen (IARC), and a potential cancer hazard (OSHA).

Section VI – Occupational Exposure Limits

FORMALDEHYDE: OSHA TWA 0.75 ppm, STEL 2 ppm; ACGIH TLV 0.3 ppm ceiling

BUTYL ALCOHOL: OSHA & ACGIH: TWA 50 ppm (150 mg/m³) ceiling (skin)

Section VII – Emergency and First Aid Procedure

Inhalation: Consult physician if irritation of respiratory passage occurs.

Eye contact: Flush thoroughly with water, alternatively lift each eyelid to insure no product remains. Continue flushing for at least 15 minutes or until no sign of product remains. Seek medical attention.

Skin contact: Remove contaminated clothing, do not reuse until laundered. Flush affected area with large amounts of water for at least 15 minutes. Seek medical attention.

Ingestion: Seek medical attention immediately.

Additional measures: None found.

Section VIII – Reactivity Data

Chemical stability: Stable

Hazardous polymerization: Will not occur

Conditions to avoid: Avoid contact with oxidizing agents. Avoid high temperatures, fire conditions.

Hazardous decomposition products: Thermal decomposition may generate carbon monoxide, carbon dioxide, sulfur dioxide and oxides of nitrogen and formaldehyde.

Section IX – Spill or Leak Procedures / Waste Disposal

Spill or leak procedures: Spray with foam or use water fog to disperse vapors. Contain spill to minimize contamination and facilitate salvage or disposal. Absorb spills with noncombustible absorbent material. Wear positive pressure self contained breathing apparatus and appropriate personal protection equipment to prevent exposure.

Waste disposal: Product and soiled absorbent may be incinerated. Dispose of in accordance with federal, state and local regulations.

Section X – Employee Protection

Respiratory protection: Use NIOSH/MSHA approved full facepiece chemical cartridge respirator for exposures up to 10 times the exposure limit. For higher concentrations, as well as firefighting and emergency situations, wear positive pressure, self contained breathing apparatus.

Protective clothing: Clothing suitable to prevent contact. Safety goggles. Chemical resistant gloves.

