

# EMERSON & CUMING MICROWAVE PRODUCTS, INC.

# SAFETY DATA

28 York Avenue  
Randolph, MA 02368  
781-961-9600

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING  
A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT,  
NOTIFY: CHEMTREC USA: 1-800-424-9300  
INTERNATIONAL: 703-527-3887 (COLLECT)

## SECTION 1 IDENTIFICATION

PRODUCT NAME: ECCOSORB COATING 300 Part B  
General Chemical Description: Amine Epoxy Curing Agent

## SECTION 2 INGREDIENTS

Components	% by Weight	Exposure Guidelines	
		OSHA PEL	ACGIH TLV
3,3'-oxybis(ethyleneoxy)bis(propylamine)	100	NE	NE

## SECTION 3 PHYSICAL DATA

Boiling Point: 298°F  
Vapor Pressure @ 25 °C: < 0.001 hPa or 0.0075 mm Hg  
Percent Volatiles by Weight: ND  
Specific Gravity (water = 1): 1.01  
Solubility in Water: Miscible  
Vapor Density: ND  
Appearance and Odor: Light amber liquid with ammonia odor

## SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): > 282°F  
Flammable Limits: l<sub>el</sub>: ND u<sub>el</sub>: ND  
Extinguishing Media: Regular dry chemical, carbon dioxide, water, regular foam.  
Large fires: Use regular foam or flood with fine water spray.  
Unusual Fire or Explosion Hazard: Slight fire hazard.

Special Firefighting Procedures: Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. Use extinguishing agents appropriate for surrounding fire. Do not get water directly on material. Large fires: Flood with fine water spray. Reduce vapors with water spray. Cool containers with water spray until well after the fire is out. Apply water from a protected location or from a safe distance. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

## SECTION 5 REACTIVITY DATA

Product Stability: Stable at normal temperatures and pressure.  
Incompatibility: Acids, oxidizing materials, peroxides, amines  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes, acids and other organic substances may be formed during combustion. The chemical nature and quantity of decomposition by-products will vary widely depending on the conditions of combustion.  
Conditions to Avoid: Avoid heat, flames, sparks and other sources of ignition. Dangerous gases may accumulate in confined spaces.

**SECTION 6 RELEASE RESPONSE DATA**

Occupational Spills: Do not touch spilled material. Stop leak if possible without personal risk. Spill response operations must be conducted in accordance with the provisions of OSHA 29 CFR 1910.120. Review the entire MSDS before proceeding with spill response.

Small Spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Small dry spills: Move containers away from spill to a safe area.

Large Spills: Dike for later disposal. Keep unnecessary people away, isolate hazard area and deny entry.

**SECTION 7 HANDLING PRECAUTIONS**

Storage: Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

Ventilation: Provide local exhaust ventilation system. Ensure compliance with any applicable exposure limits.

Eye Protection: Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Clothing: Wear appropriate chemical resistant clothing.

Gloves: Wear appropriate chemical resistant gloves.

Respirator: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

Any chemical cartridge respirator with organic vapor cartridge(s).

Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s).

Any air-purifying respirator with a full facepiece and an organic vapor canister.

For Unknown Concentrations or Immediately Dangerous to Life or Health -

Any supplied air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.

Any self-contained breathing apparatus with a full facepiece.

Waste Disposal: Dispose of pure COATING 300 Part B product as D002 Corrosive Hazardous Waste with DOT classification Waste Polyamines, liquid, corrosive, n.o.s., 8, UN2735, PG II (3,3'-oxybis(ethyleneoxy)bis(propylamine))

**SECTION 8 HEALTH DATA**

Routes of Exposure: Skin and eye contact, inhalation of vapors or aerosols.

Medical Conditions Aggravated by Exposure: respiratory tract burns, skin burns, eye burns, mucous membrane burns, skin irritation, eye irritation, allergic reactions

Inhalation - short term: Burns, asthma, lung congestion.

Inhalation - long term: Same as effects reported in short term exposure.

Skin Contact - short term: Irritation (possibly severe), allergic reactions, rash.

Skin Contact - long term: Same as effects reported in short term exposure, itching

Eye Contact - short term: Burns

Eye Contact - long term: Same as effects reported in short term exposure

Ingestion - short term: Burns

Ingestion - long term: Same as effects reported in short term exposure

Carcinogen Status: OSHA: No - NTP: No - IARC: No

**SECTION 9 FIRST AID PROCEDURES**

Eye Contact: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains. Continue irrigating with normal saline until ready to transport to hospital. Cover with sterile bandages. Get medical attention immediately.

Skin Contact: Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). For burns, cover affected area securely with sterile, dry, loose-fitting dressing. Get medical attention immediately.

Inhalation: When safe to enter area, remove from exposure. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed. Keep warm and at rest. Get medical attention immediately.

Ingestion: Contact local poison control center or physician immediately. Never make an unconscious person vomit or drink fluids. When vomiting occurs, keep head lower than hips to help prevent aspiration. If person is unconscious, turn head to side. Get medical attention immediately.

Note to physician: For inhalation, consider oxygen. For ingestion, consider gastric lavage.

**SECTION 10 ADDITIONAL INFORMATION**

National Fire Protection Assoc. (NFPA) and NPCA Hazardous Material Identification System (HMIS) Rating (SCALE 0-4):

Health: 3                      Flammability: 1                      Reactivity: 0

TSCA Status: All components are on the TSCA Commercial Chemical Inventory List

SARA Section 313 Status: NA

California Proposition 65 Information: NA

CAS No. 4246-51-9

Abbreviations:    NA = Not Applicable                      NE = Not Established                      ND = Not Determined  
                         ppm = Parts per Million                      mg/m<sup>3</sup> = Milligrams Per Cubic Meter  
                         C = Ceiling Concentration                      STEL = Short Term Exposure Limit

Safety Information and additional MSDS: 781-961-9600