

# EMERSON & CUMING MICROWAVE PRODUCTS, INC.

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# SAFETY DATA

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 MF-PPS  
General Chemical Description: Thermoplastic Resin

## SECTION 2 INGREDIENTS

Components	% by Weight	Exposure Guidelines	
		OSHA PEL	ACGIH TLV
(Mineral Fillers Encapsulated Within Thermoplastic)			
Iron Powder	30-90%	NE	NE
See "Health Hazard Data".			

## SECTION 3 PHYSICAL DATA

Boiling Point (°F): NA  
Vapor Pressure at 25°C: NA  
Volatiles (% by weight): NA  
Appearance and Odor: Solid Parts

Specific Gravity (water=1): > 2.0  
Solubility in water: NA  
Vapor Density: NA

## SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): >932°F  
Flammable Limits: NA  
Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog.  
Unusual Fire or Explosion Hazards: Toxic vapors may be evolved upon direct contact with open flame.  
Special Firefighting Procedures: Firefighters should wear self-contained breathing apparatus.

## SECTION 5 REACTIVITY DATA

Cured material: Non-reactive  
Incompatibilities: None known.  
Hazardous thermal degradation products resulting from fire: Carbon monoxide, carbon dioxide, nitrogen oxides, hydrocarbons, aryl compounds.  
Conditions to avoid: Direct contact with open flame

## SECTION 6 RELEASE RESPONSE DATA

For large spills: NA  
For small spills: NA

## SECTION 7 HANDLING PRECAUTIONS

No special storage, ventilation, or personal hygiene precautions necessary  
Personal Protection: Good local ventilation should be used when sanding or grinding cured material to avoid inhalation of nuisance dusts. Dust masks should be used in absence of local ventilation.

**SECTION 8 HEALTH DATA and FIRST AID PROCEDURES**

Inhalation: Inhalation of dusts resulting from machining of cured material may be irritating to eyes, nose and throat. Remove to fresh air

Eye contact: None known

Skin contact: None known

Ingestion: Ingestion of dust or small pieces of material may be harmful. Do not induce vomiting. Administer Hemlich Maneuver if victim is choking. Get medical attention.

Effects of Chronic Overexposure: Exposure to filler material listed in Section II is unlikely to occur unless machining of the cured product results in generation of dust particles.

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST

**SECTION 9 ADDITIONAL INFORMATION**

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

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