

EMERSON & CUMING MICROWAVE PRODUCTS, INC.

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Randolph, MA 02368
781-961-9600

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 MFS
General Chemical Description: Cured Silicone

SECTION 2 INGREDIENTS

Components	% by Weight	Exposure Guidelines	
		OSHA PEL	ACGIH TLV
(Mineral Fillers Encapsulated Within Cured Silicone)			
Iron Powder	80-90%	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 Sheet

Specific Gravity (water=1): > 4.2
Solubility in water: NA
Vapor Density: NA

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): NA
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/m³ = Milligrams Per Cubic Meter
C = Ceiling Concentration STEL = Short Term Exposure Limit

Safety Information and additional MSDS: 781-961-9600

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