

EMERSON & CUMING MICROWAVE PRODUCTS, INC.

28 York Avenue
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 SF (ALL GRADES)
General Chemical Description: Silicone Absorber

SECTION 2 INGREDIENTS

Components	% by Weight	Exposure Guidelines	
		OSHA PEL	ACGIH TLV
Cured Silicone Sheet containing: Iron Powder	60-90%	NE	NE

SECTION 3 PHYSICAL DATA

Boiling Point (°F): NA
Vapor Pressure (mm Hg @ 25°C): NA
Percent Volatiles by Weight: NA
Specific Gravity (water = 1): >1.0
Solubility in Water: NA
Vapor Density: NA
Appearance and Odor: Gray flexible sheet

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): Not Applicable
Flammable Limits: Not Applicable
Extinguishing Media: Use carbon dioxide, dry chemical, foam, water fog.
Unusual Fire or Explosion Hazard: Combustion products may be toxic.
Special Firefighting Procedures:
Firefighters/rescue personnel should wear positive pressure self contained breathing apparatus and full protective equipment.
Cool exposed containers with water to prevent pressure buildup. If large quantities of material are involved, evacuate area and fight fire from a safe distance.

SECTION 5 REACTIVITY DATA

Product Stability:
Product is stable under normal handling and storage conditions. However, review reactivity data concerning conditions to avoid and incompatible substances.
Incompatibility: Direct contact with strong oxidizers, acids, bases.
Hazardous Decomposition Products:
Carbon dioxide, carbon monoxide, aldehydes, silicone and iron oxides, organic acids, amines and 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 exposure to open flame or heat sources, and direct contact with incompatible substances.

SECTION 6 RELEASE RESPONSE DATA

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.
Spills: Not applicable (cured material)

SECTION 7 HANDLING PRECAUTIONS

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because usage conditions will vary depending on customer application, specific safe handling procedures should be developed by a person knowledgeable in the intended usage conditions and equipment. Employees must be properly trained in safe handling of this product prior to use.

Personal Protection:

Dusts generated during machining or grinding operations may cause skin and eye irritation. Wear proper eye protection during operations which may involve machining or grinding of material. Wear appropriate protective gloves. Normal work clothing should be washed before re-use. Wash hands and face thoroughly after handling this product and before eating, drinking or smoking.

Ventilation Recommendations and Respiratory Protection:

Provide effective mechanical exhaust ventilation to draw dusts or fumes away from the worker during machining operations and prevent routine inhalation. Ventilation must be sufficient to maintain airborne levels of Section 2 ingredients below PEL/TLV values. Use an appropriate, properly fitted respirator if exposures exceed PEL/TLV values. The type of respiratory protection selected (SCBA, air-purifying, etc.) will depend on the conditions of use. Observe OSHA regulations for respiratory protection (29 CFR 1910.134).

Storage:

Keep away from open flames and heat sources. Consult the product Technical Bulletin for detailed storage information.

SECTION 8 HEALTH DATA

Routes of Exposure: Skin and eye contact, inhalation of dusts or vapors generated during machining.

Medical Conditions Aggravated by Exposure: Exposure may aggravate preexisting skin, eye and/or respiratory disorders.

Eye Contact: Dusts generated during machining operations may cause minor eye irritation.

Skin Contact: May cause slight skin irritation.

Inhalation: Dusts or vapors generated during machining operations may cause respiratory irritation.

Ingestion: Harmful if swallowed.

Chronic Health Effects: None Known

SECTION 9 FIRST AID PROCEDURES**Eye Contact:**

Flush eyes thoroughly with water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact:

Remove any contaminated clothing and flush the affected area of the skin thoroughly with plenty of water. Follow by washing with soap and water. Get medical attention if irritation persists.

Inhalation:

Remove victim to fresh air. Provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

Ingestion:

Dilute by giving plenty of water to drink, if victim is conscious and alert. Never give anything by mouth to a drowsy, unconscious, or convulsing person. Get immediate attention.

SECTION 10 ADDITIONAL INFORMATION

TSCA Status: All compounds of this product are listed in the EPA Toxic Substance Control Act Inventory.

SARA Status: This product does not contain any substances regulated by the SARA Section 313 amendments to RCRA.

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