

MATERIAL SAFETY DATA SHEET**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: ECCOSORB® GDS

DESCRIPTION: Filled Silicone Rubber (Cured Sheet)

INTENDED USE: **Cavity Resonance Absorber** - High loss, magnetically loaded, silicone rubber sheet for low frequencies.

COMPANY NAME: Emerson & Cuming Microwave Products, Inc.
ADDRESS: 28 York Ave, Randolph, MA 02368

CONTACT: 781-961-9600

EMERGENCY PHONE NUMBER CHEMTREC USA: 1-800-424-9300
 INTERNATIONAL: 703-527-3887 (COLLECT)

DATE OF MSDS REVISION: 09-19-2011

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

ELEMENT	CAS NUMBER	WEIGHT PERCENT	OSHA PEL* (mg/m ³)	
			TWA	STEL
Silicone Resin, non-hazardous mineral fillers	NE	100%	NE	NE

*ACGIH TLVs different from OSHA PELs are shown in brackets. NE = Not Established.

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Possible eyes, nose and throat irritant.

POTENTIAL HEALTH EFFECTS: May irritate eyes, nose and throat.

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

INGESTION: Ingestion of dust or small pieces of material may be harmful.

SKIN: None known.

EYES: May irritate eyes.

CHRONIC HEALTH EFFECTS: None Known.
TARGET ORGANS: Eyes and respiratory organs.
CARCINOGENICITY: No data is available for this product mixture.
CONDITIONS AGGRAVATED BY EXPOSURE: No data is available for this product mixture.

SECTION 4. EMERGENCY AND FIRST AID MEASURES

INHALATION: Remove victim to fresh air. Provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.
INGESTION: Ingestion of this product may be harmful. Do not induce vomiting. Administer Hemlich Maneuver if victim is choking get medical assistance.
SKIN: None known.
EYES: None known.
MEDICAL TREATMENT: Treat symptoms and eliminate overexposure.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: Not applicable
Explosive Limits: Not applicable
Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog.
Special Firefighting Procedures: Firefighters should wear self-contained breathing apparatus.
Unusual Fire/Explosion Hazards: Toxic vapors may be evolved upon exposure to heat or open flame.
NFPA and HMIS Rating: Flammability: 0 Health: 1
Reactivity: 0 Special Hazards: none
Autoignition Temperature: Not established

SECTION 6. ACCIDENTAL RELEASE MEASURES

Cured material, Not applicable.

SECTION 7. HANDLING AND STORAGE

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: Not available for this product.

Ventilation Recommendations and Respiratory 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.

Storage: Avoid prolonged direct contact with open flame, as toxic fumes may be evolved.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS:	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.
RESPIRATORY PROTECTION:	Use an appropriate, properly fitted respirator if exposures exceed PEL/TLV values. The type of respiratory protection selected will depend upon the conditions of use. Observe OSHA regulations for, respiratory protection (29 CFR 1910.134).
PROTECTIVE GLOVES:	Wear appropriate protective gloves to minimize skin contact.
EYE PROTECTION:	If necessary, prevent eye contact through the use of splash-proof chemical goggles or face shield.
OTHER PROTECTIVE EQUIPMENT:	If necessary, a proper chemical-resistant apron and additional impervious clothing should be used to minimize skin contact and prevent contamination of clothing. Normal work clothing should be washed before reuse.
OTHER REQUIREMENTS:	Wash hands and face thoroughly after handling this product and before eating, drinking or smoking. Emergency eye wash facilities and safety shower must be available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Gray flexible sheet
Odor:	Not established
Volatile Organic Compound content:	Not established
Physical State:	solid
Boiling Point:	Not established
Vapor Pressure:	Not established
Evaporation Rate:	Not established
Specific Gravity:	3.6
Vapor Density:	Not established
Solubility in Water:	Not established

SECTION 10. STABILITY AND REACTIVITY

Stability:	Cured material: nonreactive
Incompatibility:	No data available for this product mixture.
Hazardous Decomposition Products:	Hazardous thermal degradation products resulting from fire: Carbon

monoxide, carbon dioxide, silicon dioxide.

Hazardous Polymerization: No data available for this product mixture.

Conditions to Avoid: Avoid direct contact with open flame.

SECTION 11. TOXICOLOGICAL INFORMATION

No applicable data for this section.

SECTION 12. ECOLOGICAL INFORMATION

No applicable data for this section.

SECTION 13. DISPOSAL CONSIDERATIONS

Maximize product recovery for reuse or recycling. Waste must be disposed of in accordance with federal, state and local environmental control regulations. If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24). Use may also generate liquid wastes with metal concentrations in excess of those permitted through pretreatment or direct discharge NPDES requirements. Appropriate analyses should be conducted to ensure compliance with existing wastewater permits.

SECTION 14. TRANSPORT INFORMATION

DOT Hazardous Material Description	Not applicable
Proper Shipping Name	Not applicable
Hazard Class	Not applicable
ID Number	Not applicable
Packing Group	Not applicable
Canadian Transportation of Dangerous Goods Classification	Not applicable

SECTION 15. REGULATORY INFORMATION

Data not available for this product.

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

SECTION 16. OTHER INFORMATION

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.