

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

PRODUCT NAME: ECCOSORB® CRS, PART B

DESCRIPTION: Silicone

INTENDED USE: **Load Absorber** - Softer, elastomeric version of the ECCOSORB® CR series.

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 Resins	NE	>99%	NE	NE
Modifiers	NE	<1%	NA	NA

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

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Skin and eye irritant.

POTENTIAL HEALTH EFFECTS: May cause eye, skin, and respiratory irritation.

INHALATION: Heating can generate vapors that may cause respiratory irritation, nausea and headaches. Inhalation hazard at room temperature is unlikely, due to the low volatility of this product.

INGESTION: Harmful if swallowed.

SKIN:.	May cause slight skin irritation.
EYES:	Contains materials irritating to the eyes. Symptoms may include blurred vision, burning sensation and tearing.
CHRONIC HEALTH EFFECTS:	None Known.
TARGET ORGANS:	Skin, eyes, 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:	If victim is conscious and alert, dilute by giving water to drink. Never give anything by mouth to a drowsy, unconscious, or convulsing person. Get immediate medical attention.
SKIN:	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. Do not reuse contaminated clothing until properly cleaned.
EYES:	Immediately flush eyes thoroughly with water for at least 15 minutes while holding eyelids open. Get immediate medical attention.
MEDICAL TREATMENT:	Treat symptoms and eliminate overexposure.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point:	NE; > 200°F		
Explosive Limits:	Not established		
Extinguishing Media:	Use carbon dioxide, dry chemical, foam, water fog.		
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.		
Unusual Fire/Explosion Hazards:	Decomposition and combustion products may be toxic. Closed containers may violently rupture under fire conditions.		
NFPA and HMIS Rating:	Flammability: 1 Reactivity: 0	Health: 1 Special Hazards:	1 none
Autoignition Temperature:	Not applicable.		

SECTION 6. ACCIDENTAL RELEASE MEASURES

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: Activate available exhaust ventilation equipment in the immediate spill area. Wipe up or absorb spilled material with vermiculite or other similar material. Wash area with soapy

water; area will be slippery until cleaned. Collect absorbed material and water rinses in appropriate containers. Dispose of in accordance with current Federal, State, and local regulations.

Large Spills: Limit access to the spill area. Shut off source of the release if this can be done without risk of injury. Activate available exhaust ventilation systems in the area. Dike area to contain spill and prevent releases to sewers or other waterways. Collect spilled material for salvage/disposal. Apply absorbent material to soak up residue. Wash area with soapy water; area will be slippery until cleaned. Prevent runoff from entering waterways. Transfer absorbed material and water rinses to appropriate waste containers. Dispose of in accordance with Federal, State and local regulations.

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: This product can cause severe eye irritation. Prevent eye contact through the use of splash-proof chemical goggles or face shield. This product can cause skin irritation. Components of this product may be absorbed through the skin. Wear appropriate protective gloves to minimize skin contact. 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. 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.

Ventilation Recommendations and Respiratory Protection:
Provide effective mechanical exhaust ventilation to draw vapors, mists or fumes generated during processing away from the worker and prevent routine inhalation. This is necessary especially during elevated temperature processing.

Storage: Store in a cool, dry location with adequate ventilation. Keep container tightly sealed when not in use. Keep away from open flames and heat sources. Consult the product Technical Bulletin for detailed storage information.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Ventilation must be sufficient to maintain airborne concentrations of Section 2 ingredients below their PEL/TLV values.

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:

This product can cause severe eye irritation. 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:	Clear liquid
Odor:	Not applicable
Volatile Organic Compound content:	Negligible
Physical State:	Liquid
Boiling Point:	> 300 °F
Vapor Pressure:	< 1 mm Hg
Evaporation Rate:	Not applicable
Specific Gravity:	1.0 g/cc
Vapor Density:	Heavier than air
Solubility in Water:	Insoluble

SECTION 10. STABILITY AND REACTIVITY

Stability:	Product is stable under normal handling and storage conditions. Hazardous polymerization will not occur; however, review reactivity data concerning conditions to avoid and incompatible substances.
Incompatibility:	Incompatible with strong oxidizers, acids, bases.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, oxides of silicon, 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.
Hazardous Polymerization:	No Data Available for This Product Mixture.
Conditions to Avoid:	Avoid storage in open containers, exposure to open flame or uncontrolled exposure to heat, uncontrolled mixing with curing agents or exposure to incompatible substances.

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

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.

Product NPCA Hazardous Material Identification System (HMIS) Rating:

Health: 1 Flammability: 1 Reactivity: 0

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.