



MATERIAL SAFETY DATA SHEET

Elastocarb® Basic Magnesium Carbonate, Light
MSDS Number: 103481-1-3
Effective: 9/22/99 Code: 20314056
Supersedes: 9/16/99 Page 1

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product ID: Elastocarb® Basic Magnesium Carbonate, Light
Generic Description: Elastocarb® Basic Magnesium Carbonate, Light
Product Use: Acid acceptor/anti-caking agt.

For customer service/technical information, contact:
Adhesives & Polymers and Chemical Specialties
60 Willow Street
North Andover MA 01845
800-621-2847

HAZARD RATINGS		
	HMIS	NFPA
Health	1	1
Fire	0	0
Reactivity	0	0
* = Chronic		

MSDS prepared by:
Toxicology and Regulated Substance Compliance
David Wienckowski, D.A.B.T.
100 N. Riverside Plaza
Chicago IL 60606
312-807-3422

ChemTrec Emergency
1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

COMMON NAME	CAS #	Approximate % (w/w)
Magnesium carbonate, basic	7760-50-1	100

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: MAY CAUSE EYE IRRITATION. PROLONGED EXPOSURE MAY CAUSE EYE, NOSE AND RESPIRATORY TRACT IRRITATION. DO NOT SWALLOW. See sections 3, 5, & 6.

PRIMARY ROUTES OF EXPOSURE: Eye. Skin. Inhalation (breathing).

EYE CONTACT: May cause slight to mild irritation.

SKIN CONTACT: Incidental contact is not expected to cause irritation.

INHALATION (Breathing): Can be irritating to eyes, nose, and respiratory tract following prolonged exposure.

INGESTION (Swallowing): Not hazardous in normal industrial use.

TARGET ORGANS/CHRONIC EFFECTS: Eyes.

CONDITIONS AGGRAVATED BY EXPOSURE: Lungs and respiratory system.

CARCINOGENICITY:

	ACGIH	IARC	NTP	OSHA
Magnesium carbonate, basic	No	No	No	No



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4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Medical attention is not usually required.

INHALATION (Breathing): Medical attention is not normally required.

INGESTION (Swallowing): First aid is normally not required.

5. FIRE FIGHTING METHODS

Flash Point...: Not Applicable Method.....: Not Applicable
Explosive Lmts: LEL(%) Not Determined UEL(%) Not Determined
Autoignition...: Not Determined

FIRE AND EXPLOSION HAZARDS: This product does not burn.

EXTINGUISHING MEDIA: This material does not burn.

FIRE FIGHTING PROCEDURES/EQUIPMENT: Not required. Does not burn.

6. ACCIDENTAL RELEASE MEASURES

EVACUATION: Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

CONTAINMENT: Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

CLEAN-UP/PERSONAL PROTECTION EQUIPMENT: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-contained breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded. See Section 8.

COLLECTION AND DISPOSAL: Shovel or vacuum material and place in chemical waste containers. Dispose of according to applicable local, state and federal regulations. (See section 13).

REPORTING: Spills of this material in excess of a component's RQ must be reported to the National Response Center (1-800-424-8802) and to the appropriate state and local emergency response organizations.
No regulated ingredients.

7. HANDLING AND STORAGE

STORAGE CONDITIONS: Store in cool, dry, well ventilated area.

TRANSFER: No special precautions are needed. Follow good manufacturing and handling practices.

PERSONAL HYGIENE: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, faceshield, and gloves. Professionally launder contaminated clothing before re-use.



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EMPTY CONTAINER PRECAUTIONS: Attention! This container can be hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption or where skin contact can occur.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

ACGIH - TLV

Magnesium carbonate, basic 10 mg/M3 Total dust

OSHA - PEL

Magnesium carbonate, basic 15 mg/M3 Total dust

ENGINEERING CONTROLS/VENTILATION: Local exhaust ventilation is recommended when vapors, mists, or dusts can be released in excess of established airborne exposure limits (TLVs or PELs).

EYE PROTECTION: Wear chemical splash goggles or safety glasses with side shields.

SKIN PROTECTION: To minimize skin exposure, wear protective gloves.

RESPIRATORY PROTECTION: Avoid breathing dust. Wear NIOSH/MSHA-approved equipment. Determine the appropriate type by consulting the respirator manufacturer. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator. Respiratory protection programs must be in compliance with 29 CFR 1910.134.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....: White
Physical State: Powder or granules
pH.....: Not Applicable
VOC Material...: Not Applicable
%Non-Vol (w/w)..: > 98
Odor.....: Odorless
Solubility....: Insoluble
Boiling Point.: 482F 250C Decomposes
Specific Grvty: 2.16

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids.

11. TOXICITY INFORMATION

COMPONENTS:



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Magnesium carbonate, basic:
Prolonged breathing of dust can lead to particulate deposition within the lungs. May cause transient irritation to eyes and/or skin.

12. ECOLOGICAL INFORMATION

No data are available on this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with all local, state, and federal regulations.

GENERAL STATEMENTS: Federal regulations may apply to empty container. State and/or local regulations may be different.

GENERAL RECOMMENDATIONS: Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2) incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility.

SPECIAL INSTRUCTIONS: Be sure to contact the appropriate government environmental agencies if further guidance is required.

14. TRANSPORT INFORMATION

Weight (lb)	Shipping Name	49 CFR	IATA	IMO
	Non-regulated		Y	Y

DOT Label.....: Not applicable UN/NA Id Num.: Not Applicable
DOT Label No.: ND WHMIS Label...: D2

All the information in this section is for NON-BULK packagings (119 gallons or less; 882 lbs. or less for solids). For BULK shipments, one (or more) ingredient(s) is a hazardous substance, which may require that the letters "RQ" precede the proper shipping name. For the RQ ingredients and their amounts, see MSDS section 6 or Appendix A to Part 172.101 of the 49 CFR.

15. REGULATORY INFORMATION

FEDERAL:

SARA Title III - Section 311/312 - Hazard Categories:
N- Fire Hazard
N- Sudden Release of Pressure Hazard
N- Reactivity Hazard
N- Immediate (acute) Health Hazard
N- Delayed (chronic) Health Hazard

Ozone-Depleting Chemicals - No regulated ingredients.

SARA Section 302 Extremely Hazardous Mat - No regulated ingredients.

SARA Section 313 Toxic Chemicals - No regulated ingredients.

CHEMICAL LISTING - Listed on the following Country's Chemical Inventories:

Japan Japanese MITI Inventory



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Not listed.

United States Toxic Substance Control Act
Chemical component(s) in this product are on the section 8(b) Chemical
Substance Inventory List (40 CFR 710).

STATE RIGHT-TO-KNOW:

Pennsylvania - New Jersey R-T-K
Magnesium carbonate, basic 7760-50-1 100

California - California Proposition 65 - No regulated ingredients.

CONEG - No data available.

CANADA:

This is a "controlled product" under the Canadian Workplace Hazardous
Materials Information System (WHMIS).

Class D Division 2 Sub-division B

CEPA - NPRI - No regulated ingredients.

Canadian Chemical Inventory

Domestic Substance List
Listed.

16. OTHER INFORMATION

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

End of Material Safety Data Sheet