

Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Name: This MSDS applies to all Monarch cellular rubber and Evalite® brand products.

Description: Expanded, Closed-cell, Open or Semi open cell foams containing Polyvinyl Chloride/ Nitrile-Butadiene Rubber (PVC/NBR) or Nitrile-Butadiene Rubber (NBR) or Epichlorohydrin (ECH) or Hydrogenated Acrylonitrile Butadiene (HNBR) or Hypalon or Neoprene (CR) or Ethylene-propylene-dienemethylene (EPDM) or Ethylene Vinyl Acetate / Polyethylene (EVA/PE) or Styrene-butadiene rubber (SBR) or blends of aforementioned compounds. Available in blocks & sheets (Soling & EVA/PE only) at various dimensions.

II. DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping name: Not classified. Hazard Class: N/A ID # N/A

III. HMIS (0 = minimal hazard; 4 = severe hazard)

Health = 0 Flammability = 1 Reactivity = 0

IV. PRODUCT CONTENT

This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200©, page 463.

"Article means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees."

This product does NOT contain asbestos or polychlorinated biphenyls.

V. HAZARDOUS INGREDIENTS

(Chemical Identity: Common Name)

C.A.S. No.

%

OSHA PEL

ACGIH TVL

None

VI. PHYSICAL DATA

APPEARANCE AND COLOR: Black, dark gray, natural or white and other colors. BOILING POINT (°F): N/A. VAPOR PRESSURE (mm Hg @ 20°C): N/A. VAPOR DENSITY (Air = 1): N/A. SOLUBILITY IN WATER: N/A. SPECIFIC GRAVITY (H₂O=1): N/A. PERCENT VOLATILE BY WEIGHT (30 min. @ 275°F): N/A. EVAPORATION RATE (Butyl Acetate=1) : N/A. pH: N/A VOC: N/A.

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A. RANGE: LEL = N/A. UEL = N/A. EXTINGUISHING MEDIA: Water. SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

VIII. HEALTH HAZARD DATA

PRIMARY ROUTE (S) OF ENTRY: N/A. TARGET ORGANS: N/A. EFFECTS OF OVEREXPOSURE: SKIN AND EYES: N/A. INHALATION: N/A. CARCINOGENICITY: NTP: No IARC Monographs: No OSHA Regulated: No. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE N/A. FIRST AID PROCEDURES: SKIN AND EYES: N/A. INHALATION N/A. INGESTION N/A.

IX. REACTIVITY DATA

STABILITY N/A. INCOMPATIBILITY: N/A. HAZARDOUS DECOMPOSITION PRODUCTS: N/A. HAZARDOUS POLYMERIZATION: N/A.

Monarch Cellular Rubber & Evalite® Products Sheets and Blocks

Prepared on 04/13/05
Replaces all previous versions

ArmaceLL LLC
P.O. Box 1038
7600 Oakwood Street Extension
Mebane, NC 27302
(919) 304-3846

X. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: N/A. WASTE DISPOSAL METHOD: Dispose of container and any unused contents in accordance with Federal, State and Local Waste Disposal Regulations

XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: N/A.
RESPIRATORY PROTECTION N/A
SKIN AND EYE PROTECTION: N/A

XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: N/A. OTHER PRECAUTIONS: N/A. WORK SITE ENVIRONMENT: N/A.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A -not applicable or not available

N/K - none known or not known

Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with:

OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

Occupational Safety and Health Administration

(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Product Name/Number MI207	Product Description Double Coated Tape
Manufacturer's Name Coating and Converting Technologies	Emergency Telephone Number 215-271-0610
Address (Number, Street, City, State, and ZIP Code) 80 E. Morris Street Philadelphia, PA 19148	Telephone Number for Information 215-271-0610
	Date Prepared February 10 th 2000
	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Boiling Point	N/A	Specific Gravity (H₂O = 1)	.94 +/- .03
Vapor Pressure (mm Hg.)	N/A	Melting Point	Approx. 224°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Not Soluble			
Appearance and Odor White/Tan paper appearance; negligible odor			

Section IV - Fire and Explosion Hazard Data

Flash Point/Method Greater than 400°F	Upper Explosive Limit/Lower Explosive Limit
Auto-ignition Temperature	
Appropriate Extinguishers Foam, Dry Chemical, CO ₂ , Water Spray	
Special Fire Fighting Procedures Fire fighters should wear NIOSH/MSHA approved positive pressure self-contained respiratory equipment. Do not use water on molten material to avoid splattering and spreading the fire	
Unusual Fire and Explosion Hazards Decomposition can produce hazardous chemicals. Carbon Monoxide, Carbon Dioxide, and other unknown products may be produced during combustion.	

Section V - Reactivity Data

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion?
Health Hazards (<i>Acute and Chronic</i>)			
Acute: Molten adhesive and Film products will produce burns to skin areas. Excessive heating may produce irritating vapors, which may cause mild respiratory irritation.			
Chronic: Not known			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure			
Irritation of skin and eyes, coughing, nausea, and headache when exposed to vapors, and Burns if exposed to molten adhesive or film			
Medical Conditions Generally Aggravated by Exposure			
None Known			
Emergency and First Aid Procedures			
Inhalation: remove to fresh air if problem persists contact physician			
Eyes: not usual route of entry			
Ingestion: not usual route of entry			
Skin: if burn involvement due to skin contact with molten material, cool as quickly as possible with water, treat with thermal burn procedures and see a physician for removal of adhering material and treatment of burn.			

Section VII - Precautions for Safe Handling and Use

Respiratory Protection (<i>Specify Type</i>)			
No special requirements under ordinary conditions			
Ventilation			
Use necessary number of room air changers to control excessive fumes or vapors from excessively heating the material			
Local Exhaust	Mechanical (<i>General</i>)	Special	Other
X			