

## ECHO-MAT Soundproofing and Antifracture Membrane

### SECTION 1: General Information

Manufactured By: LA MARGNA INC  
412 St-Sacrement  
Quebec (PQ)  
G1N 3Y3  
(Canada)

Contact: 1-800-838-4237  
Fax: 1-418-688-2070

Website: [WWW.PROFIXSYSTEMS.COM](http://WWW.PROFIXSYSTEMS.COM)

E-mail: [INFO@PROFIXSYSTEMS.COM](mailto:INFO@PROFIXSYSTEMS.COM)

In case of chemical emergency involving a spill, leak, fire, explosion, exposure or accident, contact the following:  
CANUTEC (Canada) 1-613-996-6666 CHEMTREC (United-States) 1-800-424-9300

### SECTION 2: Physical Characteristics

PHYSICAL STATE AND APPEARANCE	SOLID, BLACK TAPE
BULK DENSITY	15.723 POUNDS/GALLON
PH	N/A
BOILING POINT	N/A
MELTING POINT	220 F (104 C) SOFTENING POINT
EVAPORATION RATE	N/A
SPECIFIC GRAVITY	1.883
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A
VOLATILITY	N/A
ODOR THRESHOLD	N/A
OCTANOL / WATER COEFF.	NO DATA AVAILABLE
IONICITY (IN WATER)	NON IONIC
SOLUBILITY IN WATER	INSOLUBLE
SOLUBILITY	N/A
ODOR	N/A
COLOR	BLACK
VOC CONTENT	0%

### SECTION 3: Danger Evaluation

DAINGEROUS INGREDIENTS	Conc.%	CAS	LD 50 (ORAL)	CL 50 (DERMAL)	EXPOSURE LIMIT
ASPHALT (PETROLEUM, BITUMEN)	50 - 80%	8052-42-4	Rat >5.0 g/KG	Rabbit 14100 uL/KG Rabbit > 2.0 g/KG	0.5MG/M3 TLV-TWA
CALCIUM CARBONATE	10 - 20%	1317-65-3	No acute toxicity data available	No acute toxicity data available	5MG/M3 PEL-TWA (respirable fraction) 10MG/M3 TLV-TWA

### SECTION 4: Transport

UNREGULATED

## SECTION 5: Reactivity Data

STABILITY	Stable under normal storage and handling conditions
INSTABILITY TEMPERATURE	N/A
CONDITION OF INSTABILITY	N/A
INCOMPATIBILITY WITH VARIOUS SUBSTANCES	With strong oxidizers. Avoid water if product is molten
CORROSIVITY	N/A
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, sulfur oxides, hydrogen sulfide, acrolein, aldehydes, ketones and unidentified organic compounds.
HAZARDOUS POLYMERIZATION	Will not occur.

## SECTION 6: Health Risk Data

**EYE**  
May cause irritation with redness, tearing and blurred vision. Contact with product at elevated temperatures may cause thermal burns.

**SKIN**  
May cause irritation, defatting of the skin and dermatitis. Contact with product at elevated temperatures may cause thermal burns.

**INGESTION**  
No adverse effects are expected from normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION**  
No adverse effects expected at ambient temperatures. Vapors released from heating may cause respiratory irritation. At elevated temperatures hydrogen sulfide may be released. The release of hydrogen sulfide gas in various concentrations may cause irritation of the eyes and respiratory tract, headache, dizziness, nausea and drowsiness. Exposure to high concentrations of hydrogen sulfide can cause respiratory arrest and death.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**  
Employees with pre-existing skin and respiratory disorders may be at increased risk from exposure.

### POTENTIAL CHRONIC HEALTH EFFECTS

**CHRONIC/CARCINOGENICITY**  
No adverse effects expected at ambient temperatures. Prolonged inhalation of asphalt smoke has been shown to cause bronchitis, pneumonitis and abscess formation in laboratory animals. Asphalt fume condensates have been shown to cause tumorigenic responses when repeatedly applied to the skin of laboratory animals. Prolonged inhalation of talc dust may cause lung damage (pulmonary fibrosis), however, the talc in this product is bound in a polymer matrix and dust exposure would not be expected. Asphalt (petroleum, bitumen) is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B.

**MUTAGENICITY**  
No adverse effects from available data.

**SYNERGISTIC PRODUCTS**  
None specifically known.

## SECTION 7: First Aid Measures

**EYE**  
First check victim for contact lenses and remove if present. Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation persists.

**SKIN**  
Remove contaminated clothing. Wash skin thoroughly with soap and water. If rash or irritation develop, get medical attention.

**INGESTION**  
If unconscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

**INHALATION**  
If symptoms of exposure develop, remove victim to fresh air. If breathing is difficult or symptoms persist, get immediate medical attention.

## SECTION 8: Safe Handling and use methods

**ACCIDENTAL RELEASE MEASURES**  
Pick up and place into an appropriate container for disposal. If product becomes molten, allow product to cool before picking or scraping up. This product is a black tape with no odor. Product is not flammable but will burn under fire conditions. May cause mild eye and skin irritation.

**HANDLING AND STORAGE**  
Avoid contact with the eyes and skin. This product is not intended to be heated but if product is heated provide adequate ventilation and avoid breathing vapors and mists. Wash with soap and water after use. Store in a cool, well ventilated area away from excessive heat and sources of ignition.

## SECTION 9: Control Measures

### ENGINEERING CONTROLS

General ventilation should be adequate for normal use. For operations where the TLC may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

### PERSONAL PROTECTION

None needed under ambient conditions. For situations where the product is heated, hydrogen sulfide may be released. In such conditions, a NIOSH approved positive pressure self-contained breathing apparatus is recommended. Gas masks or other air purifying respirators are not recommended for hydrogen sulfide due to its poor odor warning properties. Equipment selection depends on containment type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

### SKIN PROTECTION

Avoid skin contact. Wear appropriate impervious gloves.

### EYE PROTECTION

Safety glasses or goggles should be worn where contact is possible.

### OTHER

Wear long sleeved shirt and long pants to avoid skin contact. Wash thoroughly after handling.

## SECTION 10: Inflammability & Explosion risks

FLASH POINT: 320°F (160°C)

### FLAMMABLE LIMITS

LEL: Not applicable

UEL: Not applicable

AUTOIGNITION TEMPERATURE: Not determined

### EXTINGUISHING MEDIA

Use foam or dry chemical to extinguish fire. Use fog nozzles if water is used. Water streams may cause violent eruptions and spread the burning of asphalt. Use water to cool fire exposed containers and structures.

### UNUSUAL FIRE OR EXPLOSION HAZARDS

Product will burn if exposed to elevated temperatures or fire. Hot asphalt may ignite flammable mixtures on contact. Toxic vapors including hydrogen sulfide may be released upon combustion. Hydrogen sulfide vapors are heavier than air, may accumulate in low areas and flashback if ignited.

### SPECIAL FIRE-FIGHTING INSTRUCTIONS

Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Do not allow run-off from fire fighting to enter drains or water courses.

### HAZARDOUS COMBUSTION PRODUCTS

Carbon monoxide, sulfur oxides, hydrogen sulfide, acrolein, aldehydes, ketones and unidentified organic compounds may be formed on combustion.

EXPLOSION DATA (sensitivity to mechanical impact or static discharge): None known.

**This MSDS sheet is valid for a period of three (3) years following the date inscribed below**  
**MSDS sheet prepared by: Daniel James-Vigeant** **Date: 01/01/2015**

La Margna Inc considers that all the information contained in this msds sheet is accurate. We do not offer however, any warranty regarding the exactitude of this data or upon the results to be obtained from using the product. La Margna Inc. assumes no responsibility regarding personal injuries or property damage to vendees, users or third parties caused by the material. The vendor or users assume all risks associated with the use of any product sold by La Margna Inc.