

SOPRASEAL LM 200T

| WHMIS | PROTECTIVE CLOTHING | TRANSPORT OF DANGEROUS GOODS |
|---------------|---|------------------------------|
| Not regulated |  | Not regulated |

SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Use: Mastic/Insulation Adhesive.

Formula number: Non applicable

Distributors:

Soprema Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
CANADA
Tel.: 819 478 8163

Soprema Inc.
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel.: 604 793-7100

Soprema USA
310 Quadral Drive
Wadsworth (Ohio) 44281
UNITED STATES
Tel.: 1 800 356-3521

In case of emergency:

SOPREMA (8:00am to 5:00pm): 1 800 567-1492

CANUTEC (Canada) (24h.): 613 996-6666

CHEMTREC (USA) (24h.): 1 800 424-9300

EMERGENCY OVERVIEW!!!

Grey viscous liquid with mild odour. DANGER! This product is flammable only once all water has evaporated. If dry product ignites, carbon monoxide and carbon dioxide will be produced.

May cause eye irritation. Skin contact: irritation unlikely. Ingestion of the product may cause nausea and vomiting. Inhalation of spray mist may cause nausea and headache.

SECTION II: COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

| NAME | CAS # | % WEIGHT | EXPOSURE LIMIT (ACGIH) | |
|-------------------------|-------|----------|------------------------|----------|
| | | | TLV-TWA | TLV-STEL |
| No hazardous ingredient | | | | |

SECTION III: POTENTIAL HEALTH EFFECTS

Effects of Short-Term (Acute) Exposure

SKIN CONTACT

Irritation unlikely.

EYE CONTACT

Cause eye irritation.

INHALATION

Inhalation of spray mist may cause nausea and headache.

INGESTION

May cause nausea and vomiting.

Effects of Long-Term (Chronic) Exposure

SKIN CONTACT

Prolonged or repeated skin contact may cause irritation.

SENSITIZATION

Does not occur.

TOXICOLOGICALLY SYNERGISTIC MATERIALS

None known.

OTHER HEALTH EFFECTS

None known.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:

Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, get medical attention.

EYE CONTACT:

Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

INHALATION

In case of gas or vapour inhalation, move victim to fresh air. If breathing is difficult, give oxygen. If breathing stops, give respiratory assistance. Obtain medical assistance.

INGESTION

If conscious, give 2 glasses of water to dilute stomach contents. Do not induce vomiting. Immediately contact local poison control centre. Should vomiting occur, be sure to keep the victim's head below hips to avoid aspiration of vomit into the lungs. Maintain the victim at rest and obtain immediate medical attention.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Not applicable

FLASH POINT: Non flammable

AUTO-IGNITION TEMPERATURE: Not applicable

INFLAMMABILITY LIMITS IN AIR: (% in volume) Not applicable

FIRE AND EXPLOSION HAZARDS

Non flammable water-based product. Only flammable once all water has evaporated.

COMBUSTION PRODUCTS

Carbon monoxide and carbon dioxide.

FIRE FIGHTING INSTRUCTIONS

Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because

of the risk of explosion. Stop leak before attempting to put out the fire. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Move containers from fire area if this can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

MEANS OF EXTINCTION

Dry chemical powder, CO₂ foam, or water.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Scrape or shovel into recovery container. Ventilate area. Wear appropriate protective equipment during cleanup. Shut off source of leak if you can do it without risk. Contain the spill. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Sweep or shovel into containers with lids, use clean non-sparking tools to collect absorbed material. Cover and remove to appropriate well-ventilated area until disposal. Do not touch or walk through spilled material. Wash spill area with soap and water. Prevent entry into waterways, sewers, basements or confined areas. Dispose of this product according to environmental regulations.

SECTION VII: HANDLING AND STORAGE

HANDLING

Avoid contact with eyes, skin and clothing. Microbial degradation and pH change may occur on very extended storage. This product is non flammable. Do not ingest. Avoid breathing mist, vapour or dust. Wash thoroughly after handling. Before handling, it is very important that ventilation controls are operating and protective equipment requirements are being followed. People working with this product would be properly trained regarding its hazards and its safe use. Tightly reseal all partially used containers. Do not cut, puncture or weld empty containers.

STORAGE

Store in clean covered tanks. Avoid freezing. Store between 10°C and 30°C. Store in a cool well-ventilated area out of direct sunlight and away from heat and ignition sources. Store away from incompatible materials. Store the product according to occupational health and safety regulations and fire and building codes. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorised personnel. Inspect periodically for damage or leaks. Have appropriate fire extinguishers and spill clean-up equipment near storage area. Inspect all containers to make sure they are properly labelled.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear rubber gloves.

RESPIRATORY: Not required.

EYES: Wear chemical safety goggles in accordance with standards.

CONTROL OF VAPOURS: No special ventilation required.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOUR AND APPEARANCE: Grey viscous liquid with mild odour
ODOUR THRESHOLD: Not available
VAPOUR DENSITY (air = 1): <1 water
EVAPORATION RATE (Butyl acetate = 1): <1 water
BOILING POINT (760 mm Hg): Approximately 100°C
FREEZING POINT: -1°C
SPECIFIC GRAVITY (H₂O = 1): 0.98
VAPOUR PRESSURE (mmHg): 17 @ 20°C
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available
pH: 6.0

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable.

CONDITIONS OF REACTIVITY: Non-reactive.

INCOMPATIBILITY: Metal salts with coagulate product.

HAZARDOUS DECOMPOSITION PRODUCTS: If dry product ignites, carbon monoxide and carbon dioxide will be produced.

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

EXPOSURE LIMITS: Not established – Practically non-toxic.

Effects of Short-Term (Acute) Exposure

INHALATION

Inhalation of spray mist may cause nausea and headache.

INGESTION

May cause nausea and vomiting.

EYE IRRITATION

Eye irritation.

SKIN IRRITATION

Irritation unlikely.

Effects of Long-Term (Chronic) Exposure

SKIN CONTACT

Prolonged or repeated skin contact may cause irritation.

SENSITIZATION

Does not occur.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and / or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is listed as hazardous waste. Consult local, state, provincial or territory authorities to know disposal methods. Also listed as hazardous waste by the RCRA (USA); waste disposal as to follow EPA regulations. Do not dispose of waste with normal garbage or sewers systems.

SECTION XIV: TRANSPORT INFORMATION

This product is not regulated by DOT and TDG.

SECTION XV: REGULATORY INFORMATION

WHMIS: Not regulated.

DSL: All constituents of this product are included on the Domestic Substances List (DSL – Canada)

TSCA: All constituents of this product are included on the Toxic Substances Control Act Inventory (TSCA – United States).

| HMIS (USA): | | NFPA (USA): | |
|-----------------------|---|------------------|---|
| Health: | 1 | Health: | 1 |
| Flammability: | 0 | Flammability: | 0 |
| Physical hazard: | 0 | Instability: | 0 |
| Protective equipment: | B | Specific hazard: | - |

SECTION XVI: OTHER INFORMATION

Glossary:

| | |
|-------------------|---|
| ANSI: | American National Standards Institute |
| ASTM: | American Society for Testing and Materials |
| CAS: | Chemical Abstract Services |
| CSA: | Canadian Standardisation Association |
| DOT: | Department of Transportation |
| EPA: | Environmental Protection Agency (United States) |
| HMIS: | Hazardous Material Information System |
| LD50/LC50: | Less high lethal dose and lethal concentration published |
| NFPA: | National Fire Protection Association |
| OSHA: | Occupational Safety & Health Administration (United States) |
| RCRA: | Resource Conservation and Recovery Act (United States) |
| TDG: | Transportation of Dangerous Goods (Canada) |
| TLV-TWA: | Threshold Limit Value – Time-weighted Average |
| WHMIS: | Workplace Hazardous Materials Information System (Canada) |

References:

Upon request

Code of MSDS:

CA U DRU SS FS 077

This MSDS has been prepared by:

Michel Galtier
mgaltier@soprema.ca
1-800-567-1492

For more information:

The Material Safety Data Sheets of SOPREMA Canada are available on Internet at the following site: <http://www.soprema.ca>

Justification of the update:

- Triennial update.

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

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