



SOPREMA FOR MANUFACTURING WATERPROOFING MATERIALS L.L.C

MATERIAL SAFETY DATA SHEET

RIGID THERMAL INSULATION BOARDS OF EXTRUDED POLYSTYRENE

REVIEW DATE: 26 OCTOBER, 2020

GHS	PROTECTIVE CLOTHING	HAZARD STATEMENT
NOT REGULATED		NOT REGULATED

1) GENERAL:

Application Field : Construction Industry
Product Usage : Thermal Insulation
Product Names : SOPRA-XPS ME
Supplier/Manufacturer : SOPREMA for Manufacturing Waterproofing Materials L.L.C
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2) INGREDIENTS COMPOSITION:

- Polystyrene 009003-53-6 69-100%
- Chlorodifluoroethane 000075-68-3 6-14 %
- Ethyl chloride CAS# 000075-00-3 0-2.5%
- CAS# 026221-73-8

3) POTENTIAL HAZARDS:

Eye contact : Solid or dust may cause irritation or corneal injury due to mechanical action.
Skin contact : Mechanical injury only. Essentially non-irritating to skin. Skin absorption is unlikely due to physical properties.
Inhalation : Dust may cause irritation to upper respiratory tract.
Swallowing : Not poisonous, but must not be swallowed.

4) FIRST AID MEASURES:

General : The product is generally safe and there should not be a problem if proper PPE is worn at all times which includes Safety shoes, gloves, goggles, mask and Coverall.
Eye contact : Irrigate with clean water and consult a physician.
Skin contact : Wash off in flowing water or shower.
Inhalation : Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel.
Swallowing : If swallowed, no major harm is expected for small portions.

5) PHYSICAL / CHEMICAL PROPERTIES:

Appearance / Physical State: Rigid cellular foam board
Odour: No odor
Vapor pressure: Not applicable
Boiling point: Not applicable
Solubility in water / miscibility: None



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Specific gravity or density: 0.027 – 0.064

6) STABILITY AND REACTIVITY:

Reactivity: Stable, does not have a specified shelf life. And does not react with salt, mild acids and alkalis.

Conditions to avoid: Prolonged heating at temperatures above 200°C.

7) TOXICOLOGICAL PROPERTIES:

Not toxic.

8) ECOLOGICAL INFORMATION:

Not toxic.

9) FIRE FIGHTING MEASURES:

- Fire classification b2 is too difficult to ignite flammable properties
- FLASH POINTS: 670 DEG F, 354 DEG C
- Flash ignition temperature. Method used: ASTM D1929 proc. B. Flammability limits LFL: not applicable. UFL: not applicable.
- HAZARDOUS COMBUSTION PRODUCTS: may include and are not limited to carbon dioxide and carbon monoxide. Studies have found that products of combustion of this polystyrene foam insulation are no more acutely toxic than the products of combustion of other common building materials such as wood.
- EXTINGUISHING MEDIA: Water fog, carbon dioxide, dry chemical.
- FIRE FIGHTING INSTRUCTIONS: This polystyrene foam plastic product is combustible. This product contains a flame retardant to inhibit accidental ignition from small fire sources. However, once ignited this product will burn, emitting a dense black smoke. Highly toxic fumes are released in fire situations. During shipping, storage, and use this product must be protected from flame or other high heat sources. During certain fabrication operations such as cutting and grinding, blowing agents contained in the foam and dust may be released. Accumulation of blowing agents or dust in air could present flammability and explosion concerns. Provide adequate ventilation, and appropriate dust handling systems where needed. This product should not be shipped, stored, or used in virtually airtight spaces to prevent the build-up of combustible vapors.
- PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves).

10) ACCIDENTAL RELEASE MEASURES:

- PROTECT THE ENVIRONMENT: Firewater run off may be toxic.
- CLEANUP: Pick up, or if dust or in small pieces, sweep up and place in suitable container for disposal.

11) HANDLING AND STORAGE:

Handling: Mechanical handling equipment can cause formation of dusts. Maintain good housekeeping. Layers of flammable dusts should not be permitted to accumulate.



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Storage: Flammable vapors may accumulate in some storage situations. Storage, use and handling areas should be "No Smoking" areas.
NOTICE: This polystyrene foam plastic product is COMBUSTIBLE and should be protected from flame and other high heat sources. It should be installed with code-acceptable thermal barriers or used in--approved alternative constructions.

12) EXPOSURE CONTROLS/PERSONAL PROTECTION:

Engineering Controls: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Personal / Protective Equipment Eye / Face Protection:

Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles.

Skin protection: No precaution other than clean body-covering clothing should be needed.

Respiratory protection: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, including but not limited to saw, router, or hot wire cutting, use an approved air-purifying respirator. In dusty atmospheres, use an approved dust respirator.

13) DISPOSAL:

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

All disposal methods must be in compliance with all Federal, State/Provincial, and local laws and regulations.

14) TRANSPORTATION INFORMATION:

This product is not regulated by RTA when shipped domestically by land. No special transportation precaution recommendation is applicable.

15) REGULATORY INFORMATION:

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state, or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state, or provincial, and local laws and regulations.

16) OTHER INFORMATION:

Only specialized and trained workers should apply this product.