

GHS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
Not regulated		Not regulated

SECTION I: IDENTIFICATION

Trade names: Sopra-XPS 30, 35, 40, and 60.

Use: Extruded polystyrene thermal insulation board.

Manufacturer:

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

Distributors:

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

Soprema USA
12251 Seaway Road
Gulfport (Mississippi) 39507
UNITED STATES
Tel.: 228 701-1900

In case of urgency:

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

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

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

SECTION II: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW

Under normal use, this product is not expected to create any health or environmental hazard.

SECTION III: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Polystyrene	9003-53-6	60-100	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	Not established
1,1,1,2-Tetrafluoroethane ¹	811-97-2	1-5	Not established	Not established
Tetrabromobisphenol A bis (2,3-dibromo-2-methylpropyl ether) ¹	97416-84-7	1.5	Not established	Not established
Talc ¹	14807-96-6	1-5	2 mg/m ³	Not established
Ethyl alcohol ¹	64-17-5	1-5	1000 ppm	Not established
Carbon dioxide ¹	124-38-9	1-5	5000 ppm	30000 ppm
Isobutane ¹	75-28-5	0.1-1	1000 ppm	Not established
Stearic acid ¹	57-11-4	0.1-1	10 mg/m ³	Not established

1. The exposure to the substance above the limits of exposure is not likely to occur considering its form (incorporated in the article) and the provided use. The limit of exposure is given for reference only.

Effects of short term (acute) exposure

SKIN CONTACT

The product can cause a mechanical irritation after repetitive contact with the skin. Melted product causes thermal burns.

EYE CONTACT

The product is not likely to cause effects to the eyes. The dust may cause eye irritation. Melted product causes thermal burns.

INHALATION

The product is not likely to cause effects to the respiratory system. Breathing dust from this product may cause throat irritation, congestion, and slight coughing. The combustion fumes are irritating.

INGESTION

Exposure is not likely to occur by this route of entry under normal use of the product.

Effects of long term (chronic) exposure

No information available.

SECTION IV: FIRST-AID MEASURES

SKIN CONTACT

If there is presence of dust on the skin, wash gently with water and soap. In the event of contact with the product melted, do not try to remove it from the affected area. Rinse in cold water. Obtain immediate medical attention.

EYE CONTACT

Flush eyes with water for at least 15 minutes while holding eyelids open. Do not attempt to remove material from affected area without medical assistance. Obtain immediate medical attention.

INHALATION

Remove victim from the fumes contaminated place and restore breathing if required. Obtain immediate medical attention.

INGESTION

The ingestion of this product is not very likely to occur.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Low flammability

EXPLOSION DATA: Not applicable

FLASH POINT: Not applicable

AUTO-IGNITION TEMPERATURE: 370°C

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

FIRE AND EXPLOSION HAZARDS

Low risk. The product can burn if in contact with a flame or at a very high temperature.

COMBUSTION PRODUCTS

Burning of this material will produce thick black smoke. Irritating and/or toxic gases may be generated by thermal decomposition or combustion. Do not breathe fumes. The following substances can be released during combustion: carbon black, carbon dioxide, carbon monoxide, and styrene.

FIRE FIGHTING INSTRUCTIONS

Evacuate the area. Wear self-contained breathing apparatus and appropriate protective clothing that are in accordance with standards. Approach fire from upwind and fight it from maximum distance or use unmanned hose holders or monitor nozzles. Move the boards from the fire area if it can be done without risk. Cool the boards with flooding quantities of water until well after the fire is out.

EXTINGUISHING MEDIA: Foam, CO₂, sand, and chemical powder.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

If hot material is spilled, allow enough time to cool completely and place it in a container for disposal. Wear appropriate breathing apparatus (if applicable) and protective clothing. Notify appropriate environmental agencies. Wash spill area with soap and water. Dispose of the material according to local environmental regulations.

SECTION VII: HANDLING AND STORAGE

HANDLING

Avoid contact with skin, eyes and clothes. Do not ingest. Wash hands after manipulation. Dust can be generated during cutting operations. Avoid dust exposures when cutting or abrading by using local or general ventilation system.

STORAGE

No Smoking – No Matches – No Lighters – No Welding rules should be enforced. Traces of ethanol can be released from the material following production. Install according to manufacturer's recommendations.

SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

HANDS: Wear gloves.

RESPIRATORY: If the TLV to dust is exceeded, if use is performed in a poorly ventilated confined area or if respiratory tract irritation occurs, use an approved respirator in accordance with standards.

EYES: Goggles or safety goggles with side shields are recommended.

FEET: Work shoes in accordance with standards.

BODY: If excessive dust is generated during cutting operations, wear long-sleeved, loose-fitting clothing, long pants and gloves, to reduce irritation.

OTHERS: Eye bath and safety shower.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
ODOUR AND APPEARANCE:	Orange with no odour
ODOUR THRESHOLD:	Not available
VAPOUR PRESSURE (20°C):	Not applicable
VAPOUR DENSITY (air = 1):	Not applicable
EVAPORATION RATE (Butyl acetate = 1):	Not applicable
SOFTENING POINT:	>100°C
DECOMPOSITION:	>135°C
BOILING POINT (760 mm Hg):	Not applicable
FREEZING POINT:	Not applicable
SPECIFIC GRAVITY (H₂O = 1):	30-40 kg/m ³
SOLUBILITY IN WATER (20°C):	Not soluble
VOLATIL ORGANIC COMPOUND CONTENT (V.O.C.):	Not measurable (0 g/L)
VISCOSITY:	Not applicable

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable. Avoid ignition sources.

CONDITIONS OF REACTIVITY: Stable.

INCOMPATIBILITY: Avoid aromatic hydrocarbons and organic solvents.

HAZARDOUS DECOMPOSITION PRODUCTS: See Section V.

HAZARDOUS POLYMERISATION: None

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

In our experience and according to the information available to us, the product is not harmful provided that it is correctly handled and processed according to our recommendations.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

Do not discard residues into sewers, storm sewers, or surface waters. If accidentally released to water body, the material will float and disperse with wind and current; contain the material with booms and remove either manually or with a vacuum truck. Chemicals in this material are not expected to cause harm to aquatic or terrestrial plants or animals; however, fish or other animals may eat this product, which could obstruct their digestive tracts. (Some components of the product are not biodegradable).

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 an incident.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is not a hazardous waste. Consult local, state, provincial or territory authorities to know disposal methods. This material is not listed by the EPA as a hazardous waste as to follow RCRA (USA) regulations.

SECTION XIV: TRANSPORT INFORMATION

This product is not regulated by DOT and TDG.

SECTION XV: REGULATORY INFORMATION

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

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

Prop. 65 : This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION XVI: OTHER INFORMATION

GLOSSARY

ACGIH:	American Conference of Governmental Industrial Hygienists
CAS:	Chemical Abstract Services
CSA:	Canadian Standardization Association
DOT:	Department of Transportation (United States)
EPA:	Environmental Protection Agency (United States)
GHS:	Globally Harmonized System
LD₅₀/LC₅₀:	Less high lethal dose and lethal concentration published
RCRA:	Resource Conservation and Recovery Act (United States)
TDG:	Transportation of Dangerous Goods (Canada)
TLV-TWA:	Threshold Limit Value – Time-Weighted Average

References:

Safety Data Sheet from the initial manufacturer

Code of SDS: CA U DRU SS FS 223

The Safety Data Sheets of SOPREMA are available on Internet at the following site: www.soprema.ca.

Update justification:

- New product.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.