MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product name	CHEMA X-BOARD
Chemical Name	Extruded Polystyrene Foam thermal insulation boards with cement layers
Company name	CHEMA FOAM 10th Of Ramadan, B4 Street 2nd Industrial zone. Tel : +20554 501 243 Fax: +20554 501 243 www.chema-foam.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Amount	CAS Number	CAS Number
Chloro-1,1-difluoroethane	1-2%	75-68-3	65997-15-1
general purpose polystyrene	10-20%	9003-53-6	Proprietary
Cement	30-40%	65997-15-1	-
Sand	40-50%	14808-60-7	-

3. HAZARDS IDENTIFICATION

Not classified as hazardous to health according to the criteria of the National Occupational Health and Safety Commission

Potential Health Effects	
Eye	Dust may cause slight irritation
Skin	No effects expected
Inhalation	Dust may cause irritation of respiratory tract
Ingestion	Ingestion of material is unlikely

4. FIRST AID MEASURES

Eye Contact	• Rinse immediately with plenty of water, also under the eyelids, for at least 15 Minutes. • Do not rub or scratch eyes. • If eye irritation persists, consult a specialist.
Skin Contact	• Wash off immediately with soap and water. • If skin irritation persists, call a physician .
Inhalation	• Move to fresh air
Ingestion	• Accidental ingestion of this material is unlikely • If this does occur, watch person for several days to make sure intestinal blockage does not occur • If symptoms persist, call a physician

5. FIRE FIGHTING MEASURES

Flash point	No data avilable
Suitable extinguishing media	Dry chemical foam Carbon dioxide (CO2) Water fog

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes and inhalation.
Methods for Containment	• Material will settle out of air • Prevent from spreading by covering or other means

7. HANDLING AND STORAGE

Handling	• Avoid dust formation • Do not breathe dust • Wear personal protective equipment
Storage	• Keep product in its packaging until use to minimize potential dust generation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	• Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits. • Grinding, sawing or fabrication activities of the Foamular® board can produce dust particles which may under certain conditions form explosive dust atmospheres that can be ignited. Dust collection system must be used in transferring operations, cutting or machining or other dust generating process. • Vacuum or wet clean-up methods should be used
Personal protective equipment	
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirator
Skin and body protection	• Protective gloves • Long sleeved shirt and long pants

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
color	Blue and gray
odour	Odorless
Flash point	Not applicable
Flammability	Not applicable
PH	Does not apply
Denisty	100-200 kg/m^3

10. STABILITY AND REACTIVITY

Chemical stability	The product is chemically stable
Reactivity	No dangerous reaction known under conditions of normal use.
Incompatibility With Other Material	No data available
Conditions to avoid	No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity
General Product Information
Dusts from cutting and drilling may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing.
Higher exposures may cause difficulty breathing, congestion and chest tightness

12. ECOLOGICAL INFORMATION

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with Local, State, Federal and Provincial regulations.
Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.
US EPA Waste Number No EPA Waste Numbers are applicable for this product's components.
RCRA This material is not expected to be a characteristic hazardous waste under RCRA

14. TRANSPORT INFORMATION

Use closed containers that are secure .

shipping name	Not Applicable
Transport hazard class	Non-Hazardous

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard
This product is not a «Hazardous Chemical» as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312
This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.
Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Pennsylvania Worker and Community Right-To-Know Act:
To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)
This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.
United States TSCA Inventory (TSCA)
The product meets the definition of an article and is

16. OTHER INFORMATION

understand the data contained in this (M)SDS and any hazards associated with the product.
The information herein is provided 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 between various locations. It is the buyer›s/user›s responsibility to ensure that his activities comply with all federal, state, provincial or local laws.
The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer›s/user›s duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturerspecific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

Approved by

CEMA GROUP