

Sto EPS Board

Article Safety Data Sheet

According To The United Nations Ghs (Rev. 6, 2015)
Date of Issue: 09/1/2026

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. GHS Product Identifier

Product Form: Article.

Product Name: Sto EPS Insulation Board

Product Code: EPS1000

Product Synonyms: Sto EPS Insulation Board, EPS Board, Sto EPS, Expanded Polystyrene

1.2. Recommended Use Of The Chemical And Restrictions On Use

Use Of The Substance/Mixture: For professional use only. Expanded Polystyrene (EPS) Insulation Board intended for use in Sto Wall Systems.

1.3. Supplier's Details

Company

Sto Corp.

6175 Riverside Drive SW

Atlanta, GA 30331

(800)221-2397

www.stocorp.com

1.4. Emergency Phone Number

Emergency Number : 800-424-9300CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS UN classification: Not Classified

The information in this document is designed to communicate safe handling and use instructions for manufactured articles neither regulated by OSHA Hazard Communication Standard, 29 CFR 1910.1200 nor by the Canada Hazardous Products Regulation SOR/2015-17 (WHMIS 2015)

This product meets OSHA's Hazard Communication Standard definition of "Article" which means "a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees." 29 CFR 1910.1200(c)

GHS Label Elements, Including Precautionary Statements.

Not applicable.

2.2. Other hazards which do not result in classification

If small particles are generated during further processing, handling or by other means, EPS Block and Board may form combustible dust concentrations in air.

EPS foam is flammable

2.3. Good work practices which minimize the extent of total dust generation should be followed, and actual employee exposure on a given jobsite must be determined by workplace industrial hygiene testing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

EPS Block and Board is an "article", not a chemical, as defined in 29 CFR 1910.1200(c). Therefore, it does not meet the criteria of a substance or mixture.

Name	Product Identifier	%	GHS UN classification
Expanded Polystyrene 95 - 100%	(CAS-No.) 9003-53-6	95-100	Not classified

The information in this document is designed to communicate safe handling and use instructions for manufactured articles neither regulated by OSHA Hazard Communication Standard, 29 CFR 1910.1200 nor by the Canada Hazardous Products Regulation

Sto EPS Board

Article Safety Data Sheet

SOR/2015-17 (WHMIS 2015)

Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of Necessary First-Aid Measures

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Although unlikely, obtain medical attention if breathing difficulty persists.

Skin Contact: Wash with soap and water.

Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention.

Ingestion: Accidental ingestion is extremely unlikely. Obtain medical attention if consumed especially in quantities greater than 1 mouthful occurs.

4.2. Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Specific Hazards Arising From the Chemical

Fire Hazard: EPS board is flammable. If small particles are generated during further processing, handling or by other means, EPS Block and Board may form combustible dust concentrations in air.

Explosion Hazard: Not applicable.

Reactivity: Not reactive. Emits oxides of carbon and irritating smoke.

5.3. Special Protective Actions for Fire-Fighters

Precautionary Measures Fire: Exercise caution when fighting any fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe excessive dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Personal Precautions, Protective Equipment and Emergency Procedures

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment and Methods for Cleaning Up: Take up mechanically and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Avoid dust creation.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: As supplied, this product is a solid. However, when cut/sanded/grinded this product may produce dust when processed. Use caution when working with dusts. Use appropriate engineering controls to keep generation of airborne dust to a minimum.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Avoid contact with eyes, skin and clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a manner to avoid dust accumulation. Keep away from ignition sources.

Incompatible Materials: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Sto EPS Board

Article Safety Data Sheet

Not applicable

8.2. Exposure Controls

Appropriate Engineering Controls

: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

8.3. Individual Protection Measures, Such as Personal Protective Equipment (PPE)

Personal Protective Equipment

: Gloves. Protective glasses. Insufficient ventilation when cutting or grinding: wear respiratory protection.

Materials for Protective Clothing

: None required under normal use.

Hand Protection

: None required under normal use.

Eye and Face Protection

: Safety glasses with side shields.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: General ventilation is adequate in most cases.

If large amounts of dust are produced or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information

: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Board/Panel
Odor	: Low or No Odor (Slight hydrocarbon odor)
Odor Threshold	: No data available
pH	: Not applicable
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: >800F (ASTM-D 1929)
Decomposition Temperature	: Not applicable
Flammability (solid, gas)	: Will burn in fire
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Specific Gravity	: Not applicable
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: Not applicable

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** the product is stable and non-reactive under normal conditions of storage and transport.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Heat, sparks and open flames and contact with incompatible materials.
- 10.5. Incompatible Materials:** Aromatic solvents, strong oxidizing agents.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition generates: Calcium oxides, carbon dioxide, and carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral) : Not classified

Sto EPS Board

Article Safety Data Sheet

Acute Toxicity (Dermal) : Not classified

Acute Toxicity (Inhalation) : Not classified

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer (Inhalation).

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Excessive exposure to any dust may lead to damage to organs (lungs) through prolonged or repeated exposure (Inhalation).

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause slight irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Excessive exposure to any dust may lead to irritation or damage to organs (lungs) through prolonged or repeated exposure (Inhalation).

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not Harmful to aquatic life

Hazardous To The Aquatic Environment, Long-Term (Chronic) and Short-Term (Acute): Not classified

12.2. Persistence and Degradability

Sto GPS Board		
Persistence and Degradability	Not established.	

12.3. Bioaccumulative Potential

Sto GPS Board		
Bioaccumulative Potential	Not established.	

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Ozone : Not classified

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with UN RTDG, IMDG, and IATA

UN RTDG	IMDG	IATA
14.1. UN Number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport Hazard Class(es)		
Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable
14.4. Packing Group		
Not applicable	Not applicable	Not applicable
14.5. Environmental Hazards		

Sto EPS Board

Article Safety Data Sheet

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
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14.6. Special Precautions For User No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. International Regulatory Lists: NA

15.2. International Agreements: NA

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 09/1/2026

Data Sources : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other Information : According To The United Nations Ghs (Rev. 6, 2015)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

GHS Full Text Phrases:

Not applicable

Indication of Changes: No additional information available

Abbreviations and Acronyms:

ACGIH – American Conference of Governmental Industrial Hygienists
 AIHA – American Industrial Hygiene Association
 ATE - Acute Toxicity Estimate
 BCF - Bioconcentration Factor
 BEI - Biological Exposure Indices (BEI)
 BOD – Biochemical Oxygen Demand
 CAS No. - Chemical Abstracts Service Number
 COD – Chemical Oxygen Demand
 EC50 - Median Effective Concentration
 EmS-No. (Fire) - IMDG Emergency Schedule Fire
 EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
 ErC50 - EC50 in Terms of Reduction Growth Rate
 ERG code (IATA) - Emergency Response Drill Code as found in the International Civil Aviation Organization (ICAO)
 GHS – Globally Harmonized System of Classification and Labeling of Chemicals
 HCCL - Hazard Communication Carcinogen List
 IARC - International Agency for Research on Cancer
 IATA - International Air Transport Association
 IBC – International Bulk Chemical Code
 IMDG - International Maritime Dangerous Goods
 LC50 - Median Lethal Concentration
 LD50 - Median Lethal Dose
 LOAEL - Lowest Observed Adverse Effect Level
 LOEC - Lowest-Observed-Effect Concentration
 Log Koc - Soil Organic Carbon-water Partitioning Coefficient
 Log Kow - Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
 MARPOL – International Convention for the Prevention of Pollution
 MFAG-No - Medical First Aid Guide for Use in Accidents Involving Dangerous Goods
 NOAEL - No-Observed Adverse Effect Level
 NOEC - No-Observed Effect Concentration
 NTP – National Toxicology Program
 OEL - Occupational Exposure Limits
 OSHA – Occupational Safety and Health Administration
 pH – Potential Hydrogen
 SADT - Self Accelerating Decomposition Temperature
 SDS - Safety Data Sheet
 SRCL - Specifically Regulated Carcinogen List
 STEL - Short Term Exposure Limit
 ThOD – Theoretical Oxygen Demand
 TLM - Median Tolerance Limit
 TLV - Threshold Limit Value
 TPQ - Threshold Planning Quantity
 TWA - Time Weighted Average
 UN – United Nations
 UN RTDG – United Nations Recommendations on the Transport of Dangerous Goods
 VOC – Volatile Organic Compounds
 WEEL - Workplace Environmental Exposure Lev