

Sto GPS Board

Article Safety Data Sheet

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

Date of Issue: 09/19/2023

Version: 1.1

SECTION 1: IDENTIFICATION

1.1. GHS Product Identifier

Product Form: Article.

Product Name: Sto GPS Board

Product Code: 81854

Product Synonyms: Sto GPS Board

1.2. Recommended Use Of The Chemical And Restrictions On Use

Use Of The Substance/Mixture: For professional use only.

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

2.3. Glass may contain trace level of silica when cut, sawed, or grinded. 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. Unknown Acute Toxicity (GHS-UN)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Name	Product Identifier	%	GHS UN classification
Polystyrene Polystyrene 95 - 100%	(CAS-No.) 9003-53-6	95-100	Not classified
Graphite	(CAS-No.) 7782-42-5	< 3-7	Not classified
Pentanes, mixture or one of ... Pentanes (isomers): n-Pentane Isopentane Cyclopentane	(CAS-No.) 109-66-0 (CAS-No.) 78-78-4 (CAS-No.) 287-92-3	<0.1	Not classified

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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 a blockage 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: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Not applicable.

Reactivity: Not applicable

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

Not applicable

8.2. Exposure Controls

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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	: Chemically resistant materials and fabrics.
Hand Protection	: Wear protective gloves.
Eye and Face Protection	: Safety glasses
Skin and Body Protection	: Wear suitable protective clothing.
Respiratory Protection	: 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
Odor Threshold	: No data available
pH	: 9.0-10.0
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	: No data available
Decomposition Temperature	: 2642 °F (1450 °C)
Flammability (solid, gas)	: Not applicable
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: 2.32
Specific Gravity	: Not applicable
Solubility	: Water: 0.26 g/100 g
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:** Contact with incompatible materials.
- 10.5. **Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 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
Acute Toxicity (Dermal)	: Not classified
Acute Toxicity (Inhalation)	: Not classified
Skin Corrosion/Irritation:	Not classified

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- 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		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

14.6. Special Precautions For User

No additional information available

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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 : 09/19/2023

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	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
AIHA – American Industrial Hygiene Association	MARPOL – International Convention for the Prevention of Pollution
ATE - Acute Toxicity Estimate	MFAG-No - Medical First Aid Guide for Use in Accidents Involving Dangerous Goods
BCF - Bioconcentration Factor	NOAEL - No-Observed Adverse Effect Level
BEI - Biological Exposure Indices (BEI)	NOEC - No-Observed Effect Concentration
BOD – Biochemical Oxygen Demand	NTP – National Toxicology Program
CAS No. - Chemical Abstracts Service Number	OEL - Occupational Exposure Limits
COD – Chemical Oxygen Demand	OSHA – Occupational Safety and Health Administration
EC50 - Median Effective Concentration	pH – Potential Hydrogen
EmS-No. (Fire) - IMDG Emergency Schedule Fire	SADT - Self Accelerating Decomposition Temperature
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage	SDS - Safety Data Sheet
ErC50 - EC50 in Terms of Reduction Growth Rate	SRCL - Specifically Regulated Carcinogen List
ERG code (IATA) - Emergency Response Drill Code as found in the International Civil Aviation Organization (ICAO)	STEL - Short Term Exposure Limit
GHS – Globally Harmonized System of Classification and Labeling of Chemicals	ThOD – Theoretical Oxygen Demand
HCCL - Hazard Communication Carcinogen List	TLM - Median Tolerance Limit
IARC - International Agency for Research on Cancer	TLV - Threshold Limit Value
IATA - International Air Transport Association	TPQ - Threshold Planning Quantity
IBC – International Bulk Chemical Code	TWA - Time Weighted Average
IMDG - International Maritime Dangerous Goods	UN – United Nations
LC50 - Median Lethal Concentration	UN RTDG – United Nations Recommendations on the Transport of Dangerous Goods
LD50 - Median Lethal Dose	VOC – Volatile Organic Compounds
LOAEL - Lowest Observed Adverse Effect Level	WEEL - Workplace Environmental Exposure Lev
LOEC - Lowest-Observed-Effect Concentration	
Log Koc - Soil Organic Carbon-water Partitioning Coefficient	
Log Kow - Octanol/water Partition Coefficient	