

Protecta Group. encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING

Product Name : Bubble Board
 Chemical Name : Polypropylene (PP) Copolymer
 Company Name : Protecta Group.
 Address : Silverwater, Sydney

Phone No. : 1300 88 1232

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Amount	Classification	CAS#	EC#
Polypropylene-Copo	56%	Not classified	9003-07-0	Polymer
Homo	40%	Not classified	N/A	N/A
Colour	2%			
UV 2%	2%			

3. HAZARDS IDENTIFICATION

Pigments, additives and stabilizers are fully encapsulated in resin and are not expected to cause any hazardous conditions when processed in accordance with good manufacturing practices.

4. FIRST - AID MEASURES

Inhalation : Move person to fresh air; if effects occur, consult a physician.
Skin Contact: If molten material comes in contact with skin, do not apply ice but cool under ice water or running steam of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Seek medical attention immediately.
Ingestion: If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed to do so by medical personnel.

Notes to physician: If burn is present, treat as any thermal burn, after decontamination. No special antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Material Safety Data Sheet Bubble Board

5. FIRE FIGHTING MEASURES

Extinguishing media: Water fog or fine spray. Dry chemical extinguishers. Carbon dioxide extinguishers. Foam.

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cold and to prevent re-ignition. If material is molten, do not apply direct water steam, use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Fire Fighting Protective Equipment: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Unusual Fire or Explosion Hazards: Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential of dust explosion, do not permit dust to accumulate. Dense smoke is emitted when burn without sufficient oxygen.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limit to: Carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or ground water. See Section 12, Ecological information.

Method for cleaning up: Contain spilled material is possible. Sweep up. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

7. HANDLING AND STORAGE

Handling: None. Normal bulk storage and handling of plastic. Do not expose materials to excessive heat, cold, or moisture.

Storage: Store in accordance with good manufacturing practices.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection: Particulate Mask. If dusting occurs, use chemical respirator.

Ventilation: Local exhaust, good building ventilation.

Special Ventilation Requirements: None, however dust creation should be minimized.

Hand/Skin Protection: Cloth gloves to prevent cuts and scrapes from edges.

Occupational Exposure Limits

None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Bubble Sheets

Odour : Odourless

PH (Value) : N/A

Boiling Point : N/A

Melting Point : 170 – 176°C Literature

Freezing point : N/A

Flash Point : N/A

Flammable Limits : N/A

Auto Ignition Temperature: No test data available

Explosive Properties : N/A

Oxidising Properties : N/A

Vapour Pressure (mm Hg): N/A

Solubility (Water) : Essentially insoluble in water

10. STABILITY AND REACTIVITY

Stability: Stable materials.

Hazardous Reactions: Will not occur.

Hazardous Decomposition Product(s): Thermal decomposition and burning may produce Carbon Monoxide, Carbon Dioxide, and Hydrogen Bromide.

Conditions to avoid: Exposure to elevated temperatures can cause product to decompose.

Materials to avoid: None known.

11. TOXICOLOGY INFORMATION

Inhalation (LC50): No adverse effects are anticipated from single exposure to dust. Vapours/fumes released during thermal processing may cause respiratory irritation.

Skin Contact (Dermal – LD50): Prolonged contact is essentially non-irritating to skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures; contact with the material may cause thermal burns.

Eye Contact: Solid or dust may cause irritation or corneal injury due to mechanical action. Vapour may cause eye irritation experienced as mild discomfort and redness.

Ingestion (Oral – LD50): Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed.

Estimated LD50, Rat > 5,000 mg/kg

Repeated Dose Toxicity: Additives are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

12. ECOLOGICAL INFORMATION

Movement & Partitioning: No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material is expected to float.

Persistence and Degradation: This water-insoluble polymeric solid is expected to be inert in the environment. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

Toxicity: Not expected to be acutely toxic, but material in pellet or bead form may mechanically cause adverse effects if ingested by waterfowl or aquatic life

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Solid waste disposal in accordance with Federal, State, and Local Regulations.

14. TRANSPORT INFORMATION

Shipping Designation	: Plastic sheets, flat.
Road & Rail	: Not Regulated
Ocean	: Not Regulated
Air	: Not Regulated
Inland Waterways	: Not Regulated

This information is not intended to convey all specific regulatory or operational requirement information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

European Inventory of Existing Commercial Chemical Substances (EINECS)

This product is a polymer according to the definition in Directive 92/32/EEC (7th Amendment to Directive 67/548/EEC) and all of its starting materials and intentional additives are listed in the European Inventory of Existing Commercial Chemical Substances (EINECS) or in compliance with European (EU) chemical inventory requirements.

Classification and labeling Danger symbol: This product is not classified as dangerous according to EC criteria.

16. OTHER INFORMATION

Revision:

Identification Number: 1

Issue Date: 01/01/2020

Version: 1

Protecta urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and 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 manufacturer-specific (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.