



Material Safety Data Sheet (HACCP)

Decade's One-Piece Shipping and Storage Containers

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1. Product & Company Identification

Manufacturer: Decade Plastic Products
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Product Trade Name: MACX® Shipping and Storage Containers
Product Description: Large Structural Foam Molded Container
Product Use: Industrial containers for processing, packaging, transportation and storage

2. Composition/Information on Ingredients

The product consists primarily of high molecular weight polymers that are not expected to be hazardous.

3 Hazards Identification

Potential Health Effects - **Solid Box:**

The material is regarded as biologically inert

Bodily injury may result from mechanical action.

Inhalation of dust and fine particles caused by the grinding of product may cause mild respiratory irritation

Potential Health Effects - **Molten Material:**

Molten plastic can cause severe burns. Fumes evolved at processing temperatures may cause irritation to the eyes, skin and respiratory tract.

Medical Restrictions: None known.

4. First Aid Measures

Skin: In case of skin contact with molten plastic, cool rapidly with water. Obtain medical attention. Do not attempt to remove the plastic without medical assistance. Do not use solvents. In case of skin contact with condensed fumes, wash thoroughly with soap and water. If irritation develops, seek medical attention.

Inhalation: In case of irritation from inhalation of fumes from combustion, the affected person should be removed to fresh air. If coughing, difficult breathing or other symptoms develop, seek medical attention.

Eye contact: In the case of contact of fumes of combustion with eyes, rinse immediately with plenty of water and seek medical attention.

5. Fire Fighting Measures

Individual Protection: Approved pressure demand breathing apparatus and protective clothing should be used for all fires.

Extinguishing Media: Water fog, foam, and dry chemicals, CO

Hazardous Combustion Products: Combustion products evolved during a fire may include intense heat, dense smoke, CO, CO, and small amounts of NH.

Flammability Conditions: Nonvolatile. Requires a continuous flame source to ignite.

Explosion Data: Not applicable in its present form.

6. Accidental Release Measures

Not applicable in its present form.

7. Handling and Storage

Handling: Keep away from sources of ignition. Grounding of processing and conveying equipment is recommended to reduce electrostatic charges.

Freight: Not considered hazardous in transport.

Storage: For maximum product lifetime, store in a cool place with no direct exposure to sunlight.

8. Exposure Controls / Personal Protection

Work place: Not applicable.

Eye/Face: Not applicable.

Skin: Not applicable.
Respiratory: Not applicable

9. Physical and Chemical Properties

Physical State: Solid.
Odor: Practically odorless.
Appearance: Wide range of colors as per customer specifications.
Melting Point: (130 - 140C) depending on the type of polyethylene.
Solubility: Insoluble in water, soluble in hot aromatic and chlorinated solvents.
% Volatiles: Negligible.
pH: Not applicable.
Flash Point: Not applicable.
Auto ignition: < 400÷C, estimated.

10. Stability and Reactivity

Stability: Stable under recommended conditions of storage and handling.
Reactivity: Not reactive under recommended conditions of use.
Decomposition: CO, CO, flammable hydrocarbons and fumes.
Conditions to Avoid: Sources of ignition.

11. Toxicological Information

Not applicable.

12. Ecological Information

Not biodegradable. Foaming agents used in production are not based on CFCs.

13. Disposal Information

Recycling: This product may be recycled back into original parts or into other suitable applications.
Waste Disposal: Not regarded as hazardous waste.

14. Transportation Information

Not subject to transport regulations.

15 . Regulatory Information

Not applicable.

16. Other



This publication provides information and guidelines for safe handling of MACX® Shipping and Storage Containers. It is based on currently available experience and knowledge. It is not designed as a comprehensive product performance data sheet, nor as a guide to applications.

Users are requested to communicate this information to all relevant employees and customers.

Decade Plastic Products