

MATERIAL SAFETY DATA SHEET

Trade Name: GLASS BUBBLES

Chemical Family: Silicates

Formula: Mixture

Manufacturer: SILBRICO CORP.
6300 River Road
Hodgkins, Illinois USA 60526

Supplier: COAST FIBER-TEK
1306 Boundary Road
Burnaby, BC V5K 4T6
Tel.# (604) 294-8116

Emergency Phone #'s:(708) 354-3350

Transportation EMG. Phone # CANUTEC (613) 996-6666
(604) 930-0650

HAZARDOUS INGREDIENTS:

Expanded Perlite: 100% CAS # 937663-70-3

May contain crystalline silica: <0.1% CAS # 14808-60-7

Exposure Limits:

Expanded Perlite 10mg/m3 Total dust

Crystalline Silica: .1 mg/m3

PHYSICAL DATA:

Appearance & Odour: Dry white powder or aggregate, no odour

Vapour Pressure: N/A

Vapour Density: N/A

Solubility in Water: Negligible

Specific Gravity: (H₂O=1) 2.35

FIRE & EXPLOSION DATA:

Flashpoint & Method: N/A, does not burn

Flammable Limits: N/A

Extinguishing Methods: No restrictions

Special Equipment & Procedures: Self contained breathing apparatus and protective clothing. Keep dust to a minimum.

REACTIVITY DATA:

Conditions Contributing to Instability: None

Incompatible Substances: Hydrofluoric acid

Hazardous Decomposition Products: May react with hydrofluoric acid to form a toxic gas

Hazardous Polymerization: Will not occur.

HEALTH HAZARDS DATA:

NOTE: Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized

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Glass Bubbles - Pg 2

PRINCIPAL HEALTH HAZARDS:

Skin Contact: Prolonged/repeated exposure may cause irritation and drying or flaking of skin with possible dermatitis.
Eye Contact: May cause irritation producing tears.
Ingestion: N/A
Inhalation: Upper respiratory irritant. Excessive inhalation of any dust may overload lungs.

FIRST AID PROCEDURES:

Skin: Avoid direct contact with this chemical, wash with soap and water, seek medical attention if a rash persists
Eyes: Flush with warm water for 20 minutes, obtain medical attention
Ingestion: N/A
Inhalation: Remove victim to fresh air if ill effects develop. If effects persist, administer oxygen, apply A/R if necessary and seek immediate medical attention.

PREVENTIVE MEASURES:

Skin: Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.
Eyes: Chemical proof goggles or full face respirator if vapours cause eye irritation.
Ingestion: Wash thoroughly before consuming food stuffs.
Inhalation: Use only in well ventilated areas or use NIOSH approved respiratory protection with organic vapour cartridges.

CONTROL MEASURES & PRECAUTIONS

Keep container tightly closed. Protect from moisture. Store in temperatures less than 80EF. Do not consume food, drink or tobacco in work area or material storage areas. Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials. Use paper covering absorbent wipes and suitable disposable containers in work area.

SPILL, LEAK & DISPOSAL METHODS

Review fire and explosion hazards and safety precautions before proceeding with clean up. Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

DISPOSAL METHOD

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

SHIPPING INFORMATION

Non-regulated.

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

Preparation Date: March 8, 1993
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Telephone #: (604) 294-8116
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N/A = Not Available