

MATERIAL SAFETY DATA SHEET

Trade Name: MINIFIBERS

Chemical Family: Polyethylene

Formula: $-(C_2H_4)-$

Manufacturer: MINIFIBERS, INC.
2923 Boones Vreek Road
Johnson City, TN 37615 USA

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

Emergency Phone #'s: (423) 282-4242

Transportation EMG. Phone # CANUTEC

(613) 996-6666

(604) 930-0650

HAZARDOUS INGREDIENTS:

Polyethylene: >95% CAS # 9002-88-4

Polyvinyl Alcohol <5% CAS # 9002-89-5

Exposure Limits: N/A

PHYSICAL DATA:

Appearance & Odour: White solid fluffy fibres, no odour

Vapour Pressure: N/A

Vapour Density: N/A

Solubility in Water: Negligible

Specific Gravity: (H₂O=1) 0.96 g/cm³

Boiling Point: Does not boil.

Melting Point: 135 °C

FIRE & EXPLOSION DATA:

Flashpoint & Method: >200°C

Flammable Limits: N/A

Extinguishing Methods: Water, CO₂, Dry chemical.

Special Equipment & Procedures: Avoid excessive inhalation of smoke or potential thermal decomposition products. Self contained breathing apparatus and protective clothing. Keep dust to a minimum.

REACTIVITY DATA:

Conditions Contributing to Instability: Excessive heat should be avoided.

Incompatible Substances: Tends to decompose in strong acids & bases.

Hazardous Decomposition Products: Above 300°C the heat of oxidation may produce a rapid rise in temperature which accelerates pyrolysis. Under these circumstances hazardous substances such as carbon monoxide, formaldehyde and acrolein can evolve

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

PRINCIPAL HEALTH HAZARDS:

Skin Contact: Contact with fibers may cause mechanical irritation of the skin.

Eye Contact: Fibers or dust may cause irritation or scratch the surface of the eyes.

Ingestion: None known.

Inhalation: Some individuals, eg. With asthma or bronchitis, are likely to be intolerant of high concentrations of airborne fibers or fiber dust when processing.

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FIRST AID PROCEDURES:

Skin: Wash off with soap and water.
Eyes: Flush with warm water for 15 minutes while holding open eyelids.
Ingestion: No treatment required (no harm)
Inhalation: Remove to fresh air if effects occur and seek medical attention if persistent coughing or other symptoms develop.

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. **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

Take steps to minimize spillage. Sweep up and deposit into a suitable container.

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 11, 1993
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Telephone #: (604) 294-8116
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N/A = Not Available