



Split strand sheathing is manufactured in the USA from low density polyethylene. The wall thickness tolerances are from .024-.029 inches. **Both the 1/2" and 5/8" are manufactured in 8' lengths.** The data below are the characteristics of low-density polyethylene.

LOW DENSITY POLYETHYLENE (LDPE) MSDS MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Low Density Polyethylene (LDPE)

PHONE NUMBERS:

PRODUCT INFORMATION: 1-800-667-0999

CHEMTREC: 1-800-424-9300

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME CAS NUMBER WEIGHT %

Polyethylene 9002-88-4 > 99

III. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Translucent solid with waxy color

PERCENT VOLATILES: N/A

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 0.94 - 97

IV. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None Known

MATERIALS TO AVOID: Strong oxidizing agents

V. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Local ventilation in dusty conditions, or if thermal decomposition occurs

PROTECTIVE EQUIPMENT

SKIN: Gloves and protective garments when handling molten material

EYE: Glasses with side shields in dusty conditions

RESPIRATOR: NIOSH approved dust respirator recommended. If material is being burned wear an organic respirator.

V. EXPOSURE CONTROLS/PERSONAL PROTECTION - continued

EXPOSURE GUIDELINES:

INGREDIENT AGENCY VALUE

Polyethylene ACGIH 10 mg/m³ (total dust)

OSHA 15 mg/m³ (total dust)

5 mg/m³ (respirable dust)

VI. HEALTH HAZARDS IDENTIFICATION

MEDICAL RESTRICTIONS: None Known

CHRONIC/CARCINOGENICITY: NO

VII. FIRST AID MEASURES

SKIN: If molten material comes in contact with the skin, cool under running water. Do not attempt to remove the molten material from the skin. Get medical attention.

EYES: Seek medical attention if constant irritation occurs.

INHALATION: Seek medical attention if constant irritation occurs.

VIII. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS PRODUCTS OF COMBUSTION: Carbon dioxide, carbon monoxide and aldehydes

EXTINGUISHING MEDIA: Water, Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING INSTRUCTIONS/PRECAUTIONS:

Soak thoroughly with water to cool and prevent re-ignition. The smoke can contain polymer fragments of varying composition, in addition to unidentified toxic and /or irritating compounds.

IX. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE: Sweep up for disposal or reuse

X. HANDLING AND STORAGE

HANDLING: Wash with soap and water

STORAGE: Store in a sprinkler protected warehouse. If a heat source is present keep the area well ventilated

XI. DISPOSAL CONSIDERATIONS

DISPOSAL: Incineration or landfill – dispose of in accordance with Federal, State, Provincial and Local regulations.

XII. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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