

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

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
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/m ³ (total dust)
	OSHA	15 mg/m ³ (total dust)
		5 mg/m ³ (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

The information presented in the Material Safety Data Sheet is based on data believed to be accurate as of the date this Material Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.