Material Safety Data Sheet

	I. General	Informati	on	
Chemical Name & Synonyms		Trade Na	Trade Name & Synonyms	
Low Density Polyethylene		Low Den	Low Density Polyethylene	
Chemical Family		Formula	Formula	
Low Density Polyethylene		(ch2-ch2)	(ch2-ch2)n	
Proper DOT Shipping Name		DOT Hazard Classification		
N/A		N/A		
Manufacturer		Manufac	Manufacturer's Phone Number	
Poly Hi Solidur Inc.		(219) 479-4274		
Manufacturer's Address		Chemtre	Chemtrec Phone Number	
2710 American Way, Fort Wayne, IN 46809		1-800-42	1-800-424-9300	
	II. Ing	gredients		
Principal Hazardous Components	Percent		Threshold Limit Value (Units)	
Polyethylene (CAS 9002-88-4)	>99%		10 mg/m3 (total dust)	
	III. Phy	sical Data		
Boiling Point (Deg. F.)		Specific	Gravity (H2O=1)	
N/A		.94-97		
Vapor Pressure (mm Hg) N/A		Percent Volatile By Volume (%)		
Vapor Density (Air=1)		Evaporation Rate (Air=1)		
N/A		N/A		
Solubility in Water		ph	ph	
Negligible		N/A		
Appearance & Odor Translucent solid with waxy odor				
IV. 1	Fire & Expl	osion Haza	ard Data	
Flash Point (Test Method)		Auto Ig	gnition Temperature	
Flammable Limits	LEL		UEL	
N/A	N/A		N/A	
Extinguishing Media		da Daa - All	leekel Decisions Fra	
Water, Foam, Carbon Dioxide, Dry Che	•			
•	~ .		cool and prevent re-ignition. The smoke	can
contain polymer fragments of varying c	omposition, in	addition to u	inidentified toxic and/or irritation	
compounds.				

Combustion by-products include, but are not limited to, carbon dioxide, carbon monoxide, and aldehydes. V. Health Hazard Data	T. 171 0 7 1 1 1				
V. Health Hazard Data	Unusual Fire & Explosion Hazards				
OSHA Permissible Exposure Limit 10 mg/m3 Total Dust, 5 mg/m3 Respirable Dust 10 mg/m3	* *				
10 mg/m3 Total Dust, 5 mg/m3 Respirable Dust 10 mg/m3 Carcinogen - NTP Program No No No No Symptoms of Exposure None Known Medical Conditions Aggravated By Exposure None known, however, seek medical attention if constant irritation occurs. If thermal decomposition occurs, upper respiratory, eye, nose, and throat irritation may result. Primary Route(s) of Entry Inhalation of particulates. Final Time of Principle of Entry Inhalation of particulates. Final Time of Principle of Entry Inhalation of particulates. Final Time of Principle of Entry Inhalation of Principle of Entry STABILITY Inhalation of Entry Inhalation of Principle of Entry Inhalation of Entry Inhalation of Principle of Entry Inhalation of Principle of Entry Inhalation of Entry Inhalati					
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Other Protection

Gloves and protective garments when handling molten materials.

IX. Special Precautions

Hygienic Practices In Handling & Storage

Wash with soap and water.

Precautions For Repair & Maintenance of Contaminated Equipment

Eliminate ignition sources.

Other Precautions

Store in a sprinkler protected warehouse. Since Low Density is a polyethylene, it will burn with a hot flame if ignited. Avoid contact with ignition sources such as open flames. Keep a fire extinguisher near if welding is done in the area of Low Density Polyethylene. If a heat source is present, keep the area well ventilated.