



# MATERIAL SAFETY DATA SHEET

## High Density Polyethylene

### Section 1 - Chemical Product and Company Identification

<b>MSDS Name:</b>	High Density Polyethylene
<b>Synonyms:</b>	HDPE

<b>Company Identification:</b>	<b>Hazel Mercantile Limited</b>
<b>Company Identification: (INDIA)</b>	701, Embassy Centre , Nariman Point , Mumbai – 400 021
<b>For information in the INDIA, call:</b>	+91-22-2282 4444 (50 Lines)

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
9002-88-4	Poly(ethylene), high density, average M.W. 125.000		unlisted

<b>Hazard Symbols:</b>	None listed
<b>Risk Phrases:</b>	None listed

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Not available

#### Potential Health Effects

<b>Eye:</b>	Not available
<b>Skin:</b>	
<b>Ingestion:</b>	The toxicological properties of this substance have not been fully investigated.
<b>Inhalation:</b>	
<b>Chronic:</b>	

### Section 4 - First Aid Measures

<b>Eyes:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>Skin:</b>	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Ingestion:</b>	Get medical aid. Wash mouth out with water.
<b>Inhalation:</b>	Remove from exposure and move to fresh air immediately.
<b>Notes to Physician:</b>	Treat symptomatically and supportively.

### Section 5 - Fire Fighting Measures

<b>General Information:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
<b>Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or chemical foam.



### Section 6 - Accidental Release Measures

<b>General Information:</b>	Use proper personal protective equipment as indicated in Section 8.
<b>Spills/Leaks:</b>	Vacuum or sweep up material and place into a suitable disposal container.

### Section 7 - Handling and Storage

<b>Handling:</b>	Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
<b>Storage:</b>	Store in a cool, dry place. Keep container closed when not in use. Store in a tightly closed container.

### Section 8 - Exposure Controls, Personal Protection

<b>Engineering Controls:</b>	
	Use adequate ventilation to keep airborne concentrations low.
<b>Exposure Limits</b>	CAS# 9002-88-4:
<b>Personal Protective Equipment</b>	
<b>Eyes:</b>	Wear chemical splash goggles.
<b>Skin:</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Respirators:</b>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b>	Pellets
<b>Color:</b>	white - off-white
<b>Odor:</b>	Not available
<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Explosion Limits: Lower:</b>	Not available
<b>Explosion Limits: Upper:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Solubility in water:</b>	Not available
<b>Specific Gravity/Density:</b>	0.950
<b>Molecular Formula:</b>	
<b>Molecular Weight:</b>	0

### Section 10 - Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to Avoid:</b>	Incompatible materials, ignition sources, strong oxidants.
<b>Incompatibilities with Other Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.
<b>Hazardous Polymerization</b>	Has not been reported.



### Section 11 - Toxicological Information

<b>RTECS#:</b>	CAS# 9002-88-4: KX3270000 TQ3325000
<b>LD50/LC50:</b>	RTECS: <b>CAS# 9002-88-4:</b> Inhalation, mouse: LC50 = 12 gm/m3/30M;
<b>Carcinogenicity:</b>	Poly(ethylene), high density, average M.W. 125.000 - IARC: Group 3 (not classifiable)
<b>Other:</b>	The toxicological properties have not been fully investigated.

### Section 12 - Ecological Information

Not available

### Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

### Section 14 - Transport Information

	IATA	IMO	RID/ADR
<b>Shipping Name:</b>	Not regulated.	Not regulated.	Not regulated.
<b>Hazard Class:</b>			
<b>UN Number:</b>			
<b>Packing Group:</b>			

### Section 15 - Regulatory Information

<b>European/International Regulations</b>
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available
<b>Risk Phrases:</b>
<b>Safety Phrases:</b>
➤ S 24/25 Avoid contact with skin and eyes
<b>WGK (Water Danger/Protection)</b>
➤ CAS# 9002-88-4: 1
<b>Canada</b>
➤ CAS# 9002-88-4 is listed on Canada's DSL List
<b>US Federal</b>
➤ TSCA
➤ CAS# 9002-88-4 is listed on the TSCA Inventory.

### Section 16 - Other Information

<b>MSDS Creation Date:</b>	October 15, 2007
<b>Revision #0 Date</b>	

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