



Material Safety Data Sheet

PP HOMOPOLYMER

Section 1. Chemical Product and Company Identification

Msd name:	Polypropylene
Synonyms:	Polypropylene, Homopolymer
Chemical Family	Polymer
Company identification:	Hazel mercantile limited
Company identification: (india)	701/712 a, embassy centre, nariman point, Mumbai - 400 021.
For information in the india, call:	+91 - 22 - 2282 4444 (50 lines)

Section 2. Composition and Information on Ingredients

Name	Polypropylene
CAS #	9003-07-0
% by Weight	100
Exposure Limits	Not available

Section 3. Hazards Identification

Physical State	Solid. (Solid pellets.)
Appearance	white
Emergency Overview	Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material in skin contact can cause severe burns.
Routes of Entry FOR HOT MATERIAL	Skin contact, Eye contact, Inhalation.

Potential Acute Health Effects

Eyes	Dust may cause mechanical irritation to eye Heated Polymer: Eye contact can cause serious thermal burns Vapors formed when polymer is heated may be irritating to the eye
Skin	No known acute effects of this product resulting from skin contact at room temperature Heated Polymer: skin contact can cause serious thermal burns.
Inhalation	Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures.
Ingestion	No effects are expected for ingestion of small amounts. May be a choking hazard

Section 4. First Aid Measures

Eye Contact	Rinse with water for a few minutes. Seek medical attention if necessary.
Skin Contact	Polymer: NO known EFFECT on skin contact, rinse with water for few minutes. Heated Polymer: For serious burns from heated polymer, get medical attention. In case of skin contact, immediately immerse in or flush with clean, cold water
Inhalation	Allow the victim to rest in a well-ventilated area
Ingestion	No First Aid procedures are needed



Section 5. Fire Fighting Measures

Flammability	May be combustible at high temperature
Auto-ignition temp	Not available
Flash Points	>200°C
Flammable Limits	Not available
Products of Combustion	Carbon oxides (CO and CO ₂) and soot
Fire Hazards in presence of various substances	No specific info
Explosion Hazards in presence of various substances	Risks of explosion of the product in presence of mechanical impact: Not expected Explosion in presence of dust is possible
Fire Fighting Media & Instructions	SMALL FIRE: Dry chemical extinguisher (ABC or AB). Use water spray or fog. LARGE FIRE: Use water spray or fog. Do not use water jet.
Protective Clothing (Fire)	Wear self-contained breathing apparatus & full protective gear

Section 6. Accidental Release Measures

Small Spill and Leak	Pellets on the floor could present a serious slipping problem. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel, or vacuum material into clean containers
Large Spill and Leak	Use a shovel to put the material into a convenient waste disposal container. Do not allow any potentially contaminated water with pellets to enter any waterway, sewer or drain

Section 7. Handling and Storage

Handling	Handling of plastic may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, when suspended in air, may be explosive. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. When handled in bulk quantities, this product and its associated packaging may present a crushing hazard due to the large masses involved, possibly resulting in severe injury or death.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.



Section 8. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Eyes - Safety glasses Body - Coveralls Respiratory - Ventilation is normally required when handling this product at high temperatures. Wear appropriate respirator when ventilation is inadequate Hands – Gloves Feet – Shoes
Personal Protection in case of a Large Spill	Safety glasses and gloves

Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid (Solid pellets)
Odor	Odorless
pH (1% Soln/Water)	Not applicable
Boiling/Condensation Point	Not available
Melting/Freezing Point	120 to 170°C
Critical Temperature	Not available
Specific Gravity	0.91 to 0.97 (Water = 1)
Vapor Pressure	Not available
Vapor Density	Not available
Volatility	Negligible
Odor Threshold	Not available
Evaporation Rate	Not available
VOC	Not available
Viscosity	Not available
Ionicity (in Water)	Not available
Dispersion Properties	Not available
Solubility in Water	Insoluble in water

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable. Avoid temperatures above 300 degree C Conditions of Instability - No additional remark
Incompatibility with Various Substances	Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons
Hazardous Decomposition Products	carbon monoxide & carbon dioxide
Hazardous Polymerization	No

Section 11. Toxicological Information

Toxicity to Animals	LD50: Not available. LC50: Not available
Chronic Effects on Humans	not listed
Other Toxic Effects on Humans	not considered to be dangerous



Section 12. Ecological Information

Data on Ecotoxicity, BOD, COD, biodegradability, mobility and biodegradation is not available.

Section 13. Disposal Considerations

Waste Information	Transfer to an approved disposal area in accordance with federal, state, and local regulations
Waste Stream	Not available
	Consult your local or regional authorities.

Section 14. Transport Information (for bulk shipments, non-bulk shipments may differ)

Not classified as hazardous for transportation under IATA, IMDG, TDG and ADR

Section 15. Regulatory Information

TSCA inventory	listed
International Regulations	
WHMIS (Canada) Not controlled under WHMIS (Canada).	
CEPA Toxic substances:	This material is not listed.
Canadian ARET	This material is not listed.
Canadian NPRI	This material is not listed.
EINECS	Not available.
DSCL (EEC)	This product is not classified according to EU legislation.

International Lists	
Australia inventory (AICS):	This material is listed or exempted.
China inventory (IECSC):	This material is listed or exempted.
Japan inventory (ENCS):	This material is listed or exempted.
Japan inventory (ISHL):	Not determined.
Korea inventory (KECI):	This material is listed or exempted.
New Zealand Inventory of Chemicals (NZIoC):	This material is listed or exempted.
Philippines inventory (PICCS):	This material is listed or exempted.

Section 16. Other Information

MSDS creation date	Sep 02, 2007
Revision : 0	

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.
