



220A Engelwood Drive, Orion, Michigan 48359 USA
(Toll Free) 1-877-777-4514 (Intl) 248-845-4515 (Fax) 248-287-4515
www.PremierPlasticResins.com info@premierplasticresins.com

Material Safety Data Sheet

A. Product and company identification.

1. Trade Name: HDPE01
2. Material description: high density polyethylene
3. Phone number: 1-877-777-4514
4. MSDS number: MSDSPE1

B. Composition:

| <u>Ingredients</u> | <u>C.A.S. number</u> | <u>% by weight</u> |
|---------------------------|----------------------|--------------------|
| High density polyethylene | 9002-88-4 | 100 |

C. Hazards Identification:

1. Overview: This product is not known to be hazardous.
2. Potential health effects:
 - a. Eyes: Dust particles may cause mechanical irritation.
 - b. Skin: None.
 - c. Ingestion: Not toxic.
 - d. Inhalation: Pellet inhalation unlikely due to physical form.
 - e. Contact with molten material: Can cause burns.

D. First aid measures:

1. Eyes: Flush with water. Seek medical attention if irritation persists.
2. Skin: None.
3. Ingestion: None.
4. Inhalation: Pellet inhalation unlikely due to physical form.
5. Contact with molten material: Cool under cold water and seek medical attention immediately.

E. Fire and explosion information:

1. Auto-ignition: NA
2. Flash point: NA
3. Lower flammability limit: None.
4. Upper flammability limit: None.
5. Explosion data: A combustible concentration of dust may occur when fines are suspended in air. Static discharge could be an ignition source.
6. Fire fighting: Standard procedures for class A fires. Use self contained breathing apparatus and protective clothing.
7. Extinguishing media: Water spray, dry chemical, foam, or carbon dioxide.
8. Hazardous combustion products: Carbon dioxide, carbon monoxide, ketones, acrolein, aldehydes, unidentified organic compounds.

F. Handling and storage:

1. Spill measures: Sweep pellets to reduce slipping hazard.
2. Storage guidelines: Store in an area with sprinklers and keep temperature below 140 F.

G. Stability and reactivity:

1. Stability: Stable.



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2. Reactivity: None.
3. Conditions to avoid: Avoid contact with strong oxidizing agents.

H. Physical and chemical properties:

1. Specific gravity: 0.955
2. Odor: Slight paraffin (candle wax)
3. Form: Pellet.
4. Vapor pressure: NA
5. Solubility in water: Negligible
6. pH: NA
7. Melting point: 320-338 F
8. Evaporation rate: NA

I. Waste disposal methods:

1. Users must comply with federal, state and local disposal laws when material is discarded.

Disclaimer:

The information contained herein relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief to be accurate. No warranty or guarantee is made to its accuracy and completeness. It is the users responsibility to satisfy himself as to the suitability of such information pertaining to his own particular use.