

MATERIAL SAFETY DATA SHEET

POLYETHYLENE COMPOUND

KI-TPC-08

1. IDENTIFICATION OF THE PREPARATION & COMPANY

Trade Name : KI-TPC-08

Manufacturer : **M/s. Kalpena Industries Limited**
106, Laxmi Plaza, Laxmi Industrial Estate,
New Link Road, Andheri (West), Mumbai - 400 053.

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product is a polyethylene polymer. It contains conducting Carbon Black and small amounts of stabilizer. Contains no substance classified as hazardous, in concentrations which should be taken into account according to EC directive.

3. HAZARDS IDENTIFICATION

The product is not classified as a dangerous preparation (EC). Inhalation of dust may irritate the respiratory tract. Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.

4. FIRST - AID MEASURES

No specific instruction needed.

5. FIRE FIGHTING MEASURES

Extinguishing agents : Water in spread jet, dry chemicals, foam or carbon dioxide should be used. The product burns, but is not classified as flammable. Principal toxicant in the smoke is carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Suck or sweep up spill. All spill of granules must be removed immediately to prevent slipping accidents.

7. HANDLING AND STORAGE

During processing and thermal treatment of the product, small amounts of volatile hydrocarbons may be released. Provide adequate ventilation. Local exhaust ventilation may be necessary, Avoid inhalation of dust and decomposition fumes. Dust from the product gives a potential risk for dust explosion. All equipment shall be grounded.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide adequate ventilation. Local exhaust ventilation may be necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Black,Solid granules, odourless.

Melting Point : 125-140 °C

Ignition Temperature : > 300 °C

Density : 1.08 g/cm³

Solubility : insoluble in water.

10. STABILITY AND REACTIVITY

The product is a stable thermoplastic, with no chemical reactivity at ambient condition.

11. TOXICOLOGICAL INFORMATION

The product is not dangerous.

12. ECOLOGICAL INFORMATION

The product is not considered dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

Reuse if not contaminated. The product may be incinerated or disposed of in a landfill. Please check with local regulations. Proper combustion does not require special exhaust control technology.

14. TRANSPORT INFORMATION

The product is not regulated by ADR/RID, IMDG or IATA.

15. REGULATORY INFORMATION

Label; Product Name : KI-TPC-08, Polyethylene Compound.

16. OTHER INFORMATION

Application : Polymer Compound as raw material.