



Material Safety Data Sheet

Guangzhou Human Chemicals Co., Ltd.

Address: No. 62, Xinye Road, Yonghe Economic Zone, Luogang District, Guangzhou, 511356, China

Tel: 86-20-32222551 Fax: 86-20-32222136

Website: www.humanchem.com

1. Material Identification

Product Name: Polyester Resin PE6001T

Chemical identification: Polyester Resin

Main uses: Component of coatings

2. Composition/Information on Ingredients

Chemical Composition: Polyester Resin (100% by weight)

3. Hazards Identification

Emergency Overview

Odorless, Transparent liquid.

Potential Health Effects

4. First Aid Measures

Eye Contact	Immediately fresh with cold water for at least 15 minutes. Consult a physician immediately.
Skin Contact	Immediately wash off in flowing water or shower with soap for at least 15 minutes. Consult a physician if symptoms persist.
Ingestion	Drink one or two glasses of water or milk. Never give anything by mouth to an unconscious person. Consult a physician immediately.
Inhalation	No adverse effects believed by breathing a small amount of dust during proper industrial handling.



5. Fire Fighting Measures

Extinguishing Media: water spray, foam, CO2

6. Accidental Release Measures

Use inert material to absorb the spilled liquid (such as sand and clay), and then put it in a chemical waste disposal container.

7. Handling and Storage

Avoid skin and eye contact and avoid breathing dust.

Ground and bond containers when transferring material to prevent dust explosion.

Store in a cool, well ventilated place away from incompatible materials.

8. Exposure Controls/ Personal Protection

Eye Protection	Use safety glasses. And a equipment for cleaning is necessary.
Skin Protection	Avoid skin continual and long-time contact.
Respiratory Protection	For most conditions, no respiratory protection should be needed; however, in dusty atmospheres, use an approved dust respirator.
Other Protective Devices	Safety shower and eye wash station near work area.

9. Physical and Chemical Properties

Appearance and color	Light yellow, transparent
Odor	Odorless
Physical State	Liquid
Water Solubility	Insoluble
Specific Gravity	0.98 –0.99 g/cc at 77°F (25°C)
Flash point	220°C

10. Stability and Reactivity

Stability	Stable under normal conditions.
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Incompatibility	Oxidizing agents such as hydrogen peroxide, chlorate and potassium permanganate.
Hazardous Decomposition Products	Hydrocarbon compounds and irritative acid vapor
Hazardous Polymerization	Will not occur

11. Toxicological Information

This material does not contain more than 0.1% carcinogen which recognized by IARC and NTP, or controlled by OSHA.

12. Ecological Information

No specific data are available.

Toxicity is expected to be low based on negligible water solubility of polymer.

Avoid dumping or releasing in oceans or water areas to prevent possible intake by marine organisms and birds.

13. Disposal Considerations

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option (2) very desirable for material that cannot be recycled. Any disposal practice must be in compliance with local, state, and federal laws and regulations.

14. Transport Information

D.O.T. Hazard Class: Not regulated

U.N. Number: None

15. Other Information

Guangzhou Human Chemicals Co., Ltd. provides the above information to its customers for reference use only and we strongly recommend you to carefully inspect and test our product before application. Customers or third party merely based on the above information should take full responsibility of all consequences.