

## Luxury Synthetic Hair Safety Data Sheet

**Department:** CSR/QualityAssurance Office, High Performance Fibers Business Unit

**Date Completed:** October, 02, 2013

### Section 1. PRODUCT IDENTIFICATION

**Chemical Name:** Copolymerized polyethylene terephthalate

### Section 2. HAZARDS IDENTIFICATION

No special hazards. *Note: To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.*

### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>Weight%</u>	<u>CAS No.</u>
Phosphorous compound	>99.5 Titanium dioxide	<0.5 13463-67-7
copolymerized polyethylene terephthalate		

### Section 4. FIRST-AID MEASURES

Eye contact: Flash eyes with plenty of clean water. If symptoms persist, get medical attention

Skin contact: Wash affected skin with water. If irritation develops, get medical attention.

Inhalation: Blow nose and rinse out mouth, *if* symptomatic move to fresh air. Get medical attention, if symptoms persist.

Ingestion: If a considerable quantity has been swallowed, get medical attention. Material is not expected to be absorbed from the gastrointestinal tract.

### Section 5. FIRE FIGHTING MEASURES

Extinguishing Media: water spray, dry chemical.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing

Hazardous Combustion Products carbon dioxide, carbon monoxide

## **Section 6. ACCIDENTAL RELEASE MEASURES**

Sweep or scoop up and remove.

## **Section 7. HANDLING AND STORAGE**

Handling : Wear safety goggles and a dust respirator.

Storage: Store in a cool place and protect from direct sunlight. Keep away from heat, sparks and flames.

## **Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limits:

ACGIH (TLV): Not established

Ventilation: Good general ventilation should be used.

Respiratory: Wear a dust respirator for protection

Eye Protection: Wear safety goggles.

Skin Protection: Wear gloves if heated.

OSHA (PEL): Not established

## **Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical Form: fiber

Color & Odor: white, free of odor

Specific Gravity: 1.32~1.40

Boiling Point: not applicable

Vapor Pressure: not applicable

Vapor Density: not applicable

Evaporation Rate: not applicable

Melting Point: 464-518°F or 240~270°C

Solubility in Water: insoluble

Flash Point: more than 300°C, combustible

Lower Explosive Limit: not applicable

Upper Explosive Limit: not applicable

Autoignition Temperature: not applicable

### **Section 10. STABILITY AND REACTIVITY**

Stability: stable

Incompatibility: Material can react with strong oxidizing agents

Hazardous Decomposition: will occur oxides of carbon on burning

Hazardous Polymerization: will not occur

### **Section 11. TOXICOLOGICAL INFORMATION**

Acute Toxicity: not known

Skin Irritation: not known

Eye Irritation: not applicable

Sensitizing: not known

Chronic Toxicity: not known

Mutagenicity: not known

Carcinogenicity: IARC Not listed, ACGIH; Not listed, NTP: Not listed

### **Section 12. ECOLOGICAL INFORMATION**

Biodegradability: not readily degradable

Bioaccumulation: not accumulable

Ecotoxicity: not known

### **Section 13. DISPOSAL CONSIDERATION**

Incineration or landfill in accordance with applicable regulation.

### **Section 14. TRANSPORT INFORMATION**

Not dangerous by any mode of international transport.

### **Section 15. REGULATORY INFORMATION**

None

### **Section 16. OTHER INFORMATION**

The information contained here is based on current knowledge and is believed to be correct. However, ENCELIA HAIR LLC. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.