

## Material Safety Data Sheet

# MSDS

Longcester P3413 Polyester Resin

### Section 1 Chemical Product and Company Identification

Product Name: LongCester P3413 Polyester Resin  
Company Name: Yantai Longcai Advanced Materials Co., Ltd  
Address : No. 18 Hangzhou Rd., Haiyang Development Zone,  
Haiyang 265100, China  
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Tel : +86 535 3306828, 3306639

### Section 2 Composition/Information on Ingredients

Chemicals Name: LongCester P3413 Polyester Resin  
Ingredient Polyester Resin Density : 1.2g/cm<sup>3</sup>  
LongCester P3413 Polyester Resin CAS NO. 25135-73-3  
Method: DIN 51757

### Section 3 Hazards Summarizing

Hazards Type: No transportation hazard.  
Incursion ways: Eye contact and skin contact and Inhalation and Ingestion.  
Heathy hazards: No details of toxicology study, and may be irritating to eyes and skin.  
Environtal hazards: No data available.  
Fire & Explosion risks: Not classified as dangerous goods.

### Section 4 First Aid Measures

Skin contact: In case of skin contact, wash off with soap and plenty of water. If any irritating is felt turn to doctor for help.

Eye contact: In case of eye contact, raise eyelid and flush eyes with running water for at least fifteen minutes. If any irritating is felt, turn to doctor for help.

Inhalation: Leave present place and remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.

Ingestion: If accidentally swallowed, rinse the mouse to warm water and turn to doctor for help.

## Section 5 Fire Fighting Measures

Danger nature: Not classified as dangerous goods.

Extinguishing methods and media:

Recommended to use water spray/mist, dry powder, extinguisher of foam, and Carbon dioxide.

Extinguishing notes and measures:

Fire-fighters should wear self-supplying positive pressure breathing apparatus and fire-fighter uniform to protect firefighters against skin contact and eye contact.

## Section 6 Accidental Release Measures

Handling measures for Accidental Release:

Workers processed the accidental release should protect their bodies properly. Then collect the release materials with a clean shovel and put them in a dry and clean container with a lid. Finally, keep air flowing and sprinkle water after that.

## Section 7 Handling and Storage

Handling notes:

Operators must be well trained and obey operation rules seriously. It's recommended operators should wear normal operation protective uniform and chemical protective gloves to avoid direct eye contact and skin contact. Keep far away from fire and heat sources and prohibit smoking in work sites. Work sites should be equipped with well-ventilated system and equipment. Avoid contacting strong oxidants and edible chemicals. Moving and handling with slight loading and unloading to protect against crack and moisture of packings and causing any loss. Extinguishing equipment of corresponded kinds and quantity and handling equipment for accidental release are necessary.

Storage notes:

Store in cool and ventilated warehouse. Keep the containers tightly closed. Keep far away from fire and heat sources. Store strong oxidants and edible chemicals separately. Extinguishing equipment of corresponded kinds and quantity and handling equipment for accidental release and suitable collecting tools and storing containers are necessary for storage warehouse.

## Section 8 Exposure Controls / Personal Protection

Max. allowed density: No data available

Observation methods: No data available.

Engineering controls: Equipped with well-ventilated system and facilities. Provide safe showers and eye-cleaning facilities.

Breathing protection: If necessary, wear masks that Administer Department approves.

Eye protection: Wear chemical safety glasses.

Body protection: Wear normal operation uniform.

Hand protection: Wear normal chemical-protecting gloves.

Other protections: No smoking and food-intaking and drinking at work places. Make sure taking a shower after work.

## Section 9 Physical and Chemical Properties

Appearance and Shape: Pale flake.

Melting point(°C): Not available

Water solubility: Insolubility in water

## Section 10 Stability and Reactivity

Storage stability: Stable under normal temperature and normal pressure

Banned matching items: No data available.

Avoid contacting conditions: Banned matching items, strong oxidants.

Polymerization hazards: Not polymerize.

Hazardous pyrolysis: CO, CO<sub>2</sub>.

## Section 11 Toxicological Information

Urgent toxic: No data available.

Irritation: Cause irritation to eyes and skin.

## Section 12 Ecological Information

Ecological toxic: No data available.

Biodegradability: No data available.

Non-biodegradability: No data available.

## Section 13 Disposal Considerations

Disposal processed ways:

Refer to regulations of local Department of Environmental Protection before performing processing. It's recommended to deal with the disposal by entitled Department of Chemicals Waste Handling.

#### Section 14 Transport Information

Dangerous goods No.: not applicable

UN No.: /

Packing label No.: /

Packing type: /

#### Section 15 Regulatory Information

Domestic regulations:

Not listed in Catalogue Of Dangerous Goods Names of GB 12268-2005.

International regulations:

Dangerous warning: R36/38 Be irritated to eyes and skin.

Safety precautions warning: S36/37/39 Wear proper protective uniform and protective gloves and glasses, even masks.

#### Section 16 Other Information

Filling Date: April 10<sup>th</sup>, 2018

Filling Department: Polyester Resin Office of Yantai Longcai Advanced Materials Co., Ltd

Revised specifications: Never revised before

Other information:

The information in this document is compiled according to GB 16483-2008 Compiling Rules of Material Safety Data Sheet (Same as adopt ISO 11014:1994) and based on the present state of our knowledge. Receivers accept this product must work out safety operation rules according to requirements of MSDS or operation manual together with actual situation.