

# SAFETY DATA SHEET

According to 1907/2006/EC, article 31 (REACH) and according to 1272/2008/EC (CLP)

## PC

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	PC/polycarbonate
SYNONYMS, TRADE NAMES	PC/polycarbonate
RELEVANT IDENTIFIDE USES	Widely used in aerospace, rail transportation, electronic appliances, automotive, food packaging, medical equipment, sheet metal processing, extrusion modification and other fields.
USES ADVISED AGAINST	None
SUPPLIER	Name: SHANDONG LIAOCHENG LUXI NEW MATERIAL SALE CO., LTD Address: New Chemical Material Industrial Park, High and New Technology Industrial Development Zone, Liaocheng city, Shandong province, China Postcode: 252211 Tel.: +86-635-3481038 Fax: +86-635-3481267 E-mail: info@lxhg.com
EMERGENCY TELEPHONE	+86-635-3481765

### 2 HAZARDS IDENTIFICATION

CLASSIFICATION	The substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.								
LABELLING	No Label.								
SIGNAL WORD	No signal words.								
HAZARD STATEMENTS	None.								
PRECAUTIONARY STATEMENTS	<table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Prevention</td> <td>None</td> </tr> <tr> <td>Response</td> <td>None</td> </tr> <tr> <td>Storage</td> <td>None</td> </tr> <tr> <td>Disposal</td> <td>None</td> </tr> </table>	Prevention	None	Response	None	Storage	None	Disposal	None
Prevention	None								
Response	None								
Storage	None								
Disposal	None								

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC-No	CAS-No	Content	Classification
PC/polycarbonate	607-501-9	25037-45-0	100%	Not classified

#### DISCLAIMER

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## 4 FIRST-AID MEASURES

### 4.1 Description of first aid measures

#### INHALATION

In case of inhalation of dusts from machining operation or fumes from heated product: remove to fresh air. If symptoms persist, consult a physician.

#### INGESTION

Do NOT induce vomiting. Rinse mouth with water. Obtain medical attention.

#### SKIN CONTACT

Wash off with warm water and soap. In case of skin reactions, consult a physician.

#### EYE CONTACT

Immediately flush eyes with water and continue washing for at least 15 minutes holding eyelids apart. If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

If this product is involved in a fire, the following can be released: Carbon oxides and other organic hydrocarbons.

#### HAZARDOUS COMBUSTION PRODUCTS

Carbon oxides and other organic hydrocarbons.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus. To avoid contact with skin, keep safety distance and wear suitable protective clothing.

Do not allow fire water to penetrate into surface or ground water.

## 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear suitable protective equipment. Do not breathe dust. Avoid dust formation. Provide adequate ventilation.

#### ENVIRONMENTAL PRECAUTIONS

Prevent from entering sewer system, surface water or soil.

#### SPILL CLEAN UP METHODS

Take up mechanically, placing in appropriate containers for disposal.

## 7 HANDLING AND STORAGE

## USAGE PRECAUTIONS

Handle in accordance with good industrial hygiene and safety practice.  
Avoid contact with skin, eyes and clothing.  
Avoid breathing dust.  
Avoid creating dust.  
Use only with adequate ventilation.  
Keep container tightly closed.

## STORAGE PRECAUTIONS

Requirements for storage areas and containers.  
Store in cool place.  
Keep container tightly closed.  
Keep in a well-ventilated place.  
Keep away from heat.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE LIMITS

No data available.

### EXPOSURE CONTROLS

In the case of the formation of dust: Dust should be exhausted directly at the point of origin.

### PROTECTIVE EQUIPMENT

Protective gloves, safety goggles, breathing apparatus and protective clothing. Avoid any source of ignition and/or static charge.

### RESPIRATORY EQUIPMENT

In the case of dust or aerosol formation use respirator with an approved dust filter.

### HAND PROTECTION

PVC or other plastic material gloves.  
Rubber gloves.

### EYE PROTECTION

Safety glasses with side-shields conforming to EN166.

### HYGIENE MEASURES

Wash thoroughly after handling.  
Remove and wash contaminated clothing before re-use.

### SKIN PROTECTION

Impervious clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOUR	Colorless transparent
ODOUR	No data available
FLASH POINT	No applicable

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BOILING POINT	450.6°C at 760 mmHg
AUTO IGNITION	> 550°C
MELTING POINT	220-230°C
SPECIFIC GRAVITY	1.18-1.2 g/cm <sup>3</sup> at 25°C
SOLUBILITY IN WATER	Insoluble
VAPOUR PRESSURE	6.56E-26 mmHg at 25°C
PH – VALUE	≈ 7

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**REACTIVITY**

No data available

**HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon oxides, other organic hydrocarbons.

**MATERIALS TO AVOID**

No data available.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE	No data available.
SKIN CORROSION/IRRITATION	No data available.
SERIOUS EYE DAMAGE/EYE IRRITATION	No data available.
RESPIRATORY OR SKIN SENSITISATION	No data available.
REPEATED DOSE TOXICITY	No data available.
GENOTOXICITY	No data available.
TOXICITY TO REPRODUCTION	No data available.
DEVELOPMENTAL TOXICITY	No data available.
SPECIFIC TARGET ORGAN TOXICITY- SINGLE EXPOSURE	No data available.
SPECIFIC TARGET ORGAN TOXICITY- REPEATED EXPOSURE	No data available.

Component	CAS#	EC#	IARC
PC/polycarbonate	25037-45-0	607-501-9	Not listed

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## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY TOXICITY

TOXICITY  
Not data available.

### PBT/vPvB ASSESSMENT

Not data available.

### PERSISTENCE AND DEGRADABILITY

Not data available.

### BIOACCUMULATIVE POTENTIAL

Not data available.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Place into a suitable closed container for disposal as chemical waste.

### DISPOSAL METHODS

Dispose of in accordance with local and national regulations.

## 14 TRANSPORT INFORMATION

### IMDG Code

UN proper shipping name:	Not data available
Packing Group:	Not data available
Transport Hazard class:	Not data available
Transport subsidiary hazard class:	Not data available
Special provisions:	Not data available
Limited quantities:	Not data available
Excepted quantities:	Not data available
EmS No.:	Not data available
Marine pollutant:	Not data available

### IATA DGR

UN proper shipping name:	Not data available
Packing Group:	Not data available
Transport Hazard class:	Not data available
Transport subsidiary hazard class:	Not data available
Excepted quantities:	Not data available
Passenger and Cargo Aircraft Limited Quantity Packing Instructions:	Not data available
Passenger and Cargo Aircraft Limited Quantity Maximum net Quantity per Package:	Not data available
Passenger and Cargo Aircraft Packing Instructions:	Not data available
Passenger and Cargo Aircraft Maximum net Quantity per Package:	Not data available
Special provisions:	Not data available
ERG code:	Not data available

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ADR  
UN proper shipping name: Not data available  
Packing Group: Not data available  
Transport Hazard class: Not data available  
Transport subsidiary hazard class: Not data available  
Special provisions: Not data available  
Limited quantities: Not data available  
Excepted quantities: Not data available

**15 REGULATORY INFORMATION**

## INTERNATIONAL CHEMICAL INVENTORY

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
PC/polycarbonate	List	List	List	List	List	List	List	List

**16 OTHER INFORMATION**

ISSUED BY SHANDONG LIAOCHENG LUXI NEW MATERIAL SALE CO., LTD

REVISION DATE: 07/25/2019

## HAZARD STATEMENTS

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