



LG Chem

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MSDS

(MATERIAL SAFETY DATA SHEET)

Grade **LUPOY EF-1006FH**
Polycarbonate Resin

File Number	MSDS -10- 04
Issue Date	2010.03.16
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1. CHEMICAL PRODUCT & MANUFACTURER'S INFORMATION

CHEMICAL PRODUCT NAME: Polycarbonate
 USAGE: Projector, Electronic Goods, O.A ,Notebook, etc
 CHEMICAL TYPE: Thermoplastics
 MANUFACTURER'S ADDRESS: Junye Road, Eastern Section of Economic & Technological Development District,
 Guangzhou, P. R. C
 Prepared By: **LG Chemical (Guangzhou) Engineering Plastics Co., Ltd**

2. INGREDIENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>CONTENTS(%)</u>
Polycarbonate	103598-77-2	95~100
Others		0~5

3. PHYSICAL & CHEMICAL CHARACTER

APPEARANCE: Pellet
 ODOR: Almost Odorless
 PH: NA
 SPECIFIC GRAVITY: 1.19
 EVAPORATION RATE: NA
 VAPOR PRESSURE: NA
 VAPOR DENSITY: NA
 SOLUBILITY IN WATER: Insoluble
 SOLUBILITY IN OTHER SOLVENT: Soluble in THF, Acetone and other Analogous Solvents

4. HAZARDS IDENTIFICATION

EYE :
 Not expected to cause eye irritation. If this material is heated, thermal burns may result from eye contact.
SKIN:
 Not expected to cause skin irritation. If this material is heated, thermal burns may result from skin contact.
SKIN ABSORPTION: NA
INGESTION: NA
INHALATION:
 If this material is heated, fumes may be unpleasant and produce nausea.
CHRONIC EFFECTS: None



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5. FIRST AID MEASURES

EYE CONTACT:

If heated material or polymer melt splash into eyes, flush eyes immediately with fresh water. Get immediate medical care.

SKIN CONTACT:

If polymer melt gets on skin, quickly cool in water. Consult with a doctor for extensive burns.

INGESTION:

This material is not expected to be harmful if swallowed.

INHALATION:

If breathing is difficult, give artificial respiration or get medical attention.

6. FIRE & EXPLOSION HAZARD DATA

FLASH POINT:

Not Applicable

FLAMMABILITY LIMITS(% BY VOLUME IN AIR):

Lower:NA Upper:NA

AUTO IGNITION POINT: NA

EXTINGUISHING MEDIA:

Water, CO2

USUAL FIRE AND EXPLOSION HAZARDS:

Normal combustion products include carbon dioxide, water vapor, and carbon monoxide, other hydrocarbons and hydrocarbon oxidation products, depending on temperature and air availability.

7. REACTIVITY DATA

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

Avoid heating above the recommended processing temperature . Do not heat without adequate ventilation.

INCOMPATIBILITY:

Not known

HAZARDOUS DECOMPOSITION PRODUCTS:

Low molecular weight hydrocarbons can be formed during thermal decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur

8. DISPOSAL INFORMATION

Place contaminated materials or scrap in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.



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9. SPECIAL PROTECTION INFORMATION

EYE AND FACE PROTECTION:

Wear safety glasses when working with this material as a safety practice. If this material is heated, wear safety goggles or glasses.

SKIN PROTECTION:

Wear protective clothing to minimize skin contact with hot polymer melt as a safety practice. It is essential to wear gloves to prevent burns from heated material.

RESPIRATORY PROTECTION:

No special respiratory protection is normally required. However, if heated material generates vapor, or fumes, it is a good practice to use process enclosures or local exhaust ventilation.

10. HANDING & STORAGE

HANDLING:

Keep bags always closed / Keep container lightly closed. Avoid material from contacting with moisture

STORAGE:

Keep bags / containers in a well-ventilated place . Avoid material from contacting with moisture

11. OTHER INFORMATION

Product should be handle, stored, and used in accordance with the generally accepted industrial hygiene practices and in conformity with all the applicable legal regulations. The information provided herein is based on the knowledge possessed at this present time from the view point of safety requirements. It should, therefore, not be construed as guaranteeing specific properties.