

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### MANUFACTURER / SUPPLIER

ETERNAL PLASTIC CO., LTD.  
3RD FLOOR YADA BLDG., NO. 56 SILOM RD.  
SURIYAWONG, BANGRAK, BANGKOK, THAILAND

SOUTHLAND POLYMERS, INC.  
14030 GANNET STREET  
SANTA FE SPRINGS, CA. 90670

### TELEPHONE

(800) 695-7636

(562) 921-0444

**PRODUCT IDENTIFIER:** EPOREX polystyrene resin

**PRODUCT DESCRIPTION:** High impact (HIPS) and/or General Purpose (GPPS)  
(CAS# 9003-53-6).

## 2. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	VOL %	TLV
Not a hazardous material. Approved by FDA for food containers.		

## 3. PHYSICAL DATA

<b>BOILING POINT (°F)</b> n/a	<b>SPECIFIC GRAVITY (Water =1)</b> 1.04
<b>VAPOR PRESSURE (MMHG)</b> n/a	<b>PERCENT VOLATILE (Vol %)</b> nil
<b>VAPOR DENSITY (Air=1)</b> n/a	<b>EVAPORATION RATE</b> n/a
<b>SOLUBILITY IN WATER</b> insoluble	<b>MELT POINT</b> 270 °F
<b>APPEARANCE AND ODOR</b> translucent, odorless	

## 4. FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	Not applicable
<b>LOWER FLAMMABLE LIMIT:</b>	Not established
<b>UPPER FLAMMABLE LIMIT:</b>	Not established
<b>FIRE EXTINGUISHING MEDIA:</b>	Dry chemical, foam, water, and halon
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Avoid inhalation of vapors
<b>UNUSUAL FIRE/EXPLOSION HAZARDS:</b>	Fire may produce irritating gases and dense smoke

## 5. HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:** N/A

### ACUTE EFFECTS OF OVEREXPOSURE:

INHALATION	N/A
SKIN CONTACT & ABSORPTION	N/A
EYE CONTACT	N/A
INGESTION	N/A

### EMERGENCY FIRST AID PROCEDURES:

INHALATION	N/A
SKIN CONTACT & ABSORPTION	N/A
EYE CONTACT	N/A
INGESTION	N/A

**CHRONIC EFFECTS OF OVEREXPOSURE:** N/A

## 6. REACTIVITY DATA

<b>STABILITY:</b>	Stable under recommended conditions of storage and handling.
<b>REACTIVITY:</b>	Not reactive under recommended conditions of handling, storage, processing and use.
<b>CONDITIONS TO AVOID:</b>	N/A
<b>INCOMPATIBILITY (materials to avoid):</b>	N/A
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon Dioxide, Carbon Monoxide, Dense Smoke
<b>HAZARDOUS POLYMERIZATION:</b>	N/A

## 7. SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Place material into clean, dry containers and cover.

### WASTE DISPOSAL METHOD:

Transfer to an approved disposal area in accordance with federal, state, and local regulations.

## 8. ECOLOGICAL INFORMATION

### GENERAL:

Not expected to present any significant ecological problems.

## 9. SPECIAL PROTECTION EQUIPMENT

### RESPIRATORY PROTECTION:

Use of NIOSH-approved respirators recommended when handling hot material.

### PROTECTIVE CLOTHING:

Gloves required when handling hot material.

### EYE PROTECTION:

Safety glasses

### VENTILATION:

Ventilate as needed

### OTHER PROTECTIVE EQUIPMENT:

N/A

## 10. HANDLING AND STORAGE PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

N/A

### OTHER PRECAUTIONS:

N/A

Disclaimer: While the information herein is believed to be accurate, no guarantee is made as to its accuracy or completeness. The conditions of use are beyond our control; therefore, all risks involved in product use are assumed by the user.

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