

# MATERIAL SAFETY DATA SHEET

## THE HALLSTAR COMPANY

### Section 1 - Identification of Substance and Company

**Product Name:** PLASTHALL<sup>®</sup> ESO

**Product Code:** 3563

**Chemical Name:** Epoxidized Soybean Oil

**Supplier:** The HallStar Company<sup>(1)</sup>  
120 S. Riverside Plaza Suite 1620  
Chicago, IL 60606 PH: (877) 427-4255

**HMIS**

Health: 1

Flammability: 1

Reactivity: 0

Gloves & Safety Glasses

**Emergency Phone Numbers:** The HallStar Company: (708) 594 - 5999  
CHEMTREC: (800) 424 - 9300

### Section 2 - Information on Ingredients

<u>Chemical Name:</u>	<u>CAS #:</u>
Epoxidized Soybean Oil	8013-07-8

### Section 3 - Hazard Identification

**Appearance/Odor:** Viscous light yellow liquid, mild odor.

**Potential Health Effects**

**Skin Contact:** Repeated or prolonged skin contact may cause skin irritation.

**Eye Contact:** May cause slight eye irritation of susceptible persons.

**Ingestion:** Effects unknown.

**Inhalation:** May cause dizziness.

### Section 4 - First Aid Measures

**Skin Contact:** Wash affected skin with soap and water. If drying occurs a topical lotion should be applied.

**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

**Ingestion:** Rinse mouth and seek medical attention.

**Inhalation:** Person should be moved to a fresh air environment.

### Section 5 - Explosion and Fire-Fighting Measures

**Extinguishing Media:** CO<sub>2</sub> , Dry Chemical, Water Fog

**Special Fire-Fighting Procedures:** A MSHA/NIOSH approved self contained breathing apparatus should be worn. Use water spray to cool fire-exposed containers.

**Unusual Fire and Explosion Hazards:** Water may cause frothing.

### Section 6 - Accidental Release/Spill Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Dike and contain the spill with inert material (ie: sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

### Section 7 - Handling and Storage

Any use of this product in an elevated temperature process, should be evaluated to establish and maintain safe operating procedures.

Containers should be kept tightly closed and stored in a dry well-ventilated place.

### Section 8 - Personal Protection

**Hand Protection:** Impervious gloves  
**Respiratory Protection:** None required for normal operation.  
**Eye Protection:** Safety glasses  
**Engineering Measures:** For normal operation local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.  
**Other:** Eyewash facility in vicinity.

### Section 9 - Physical and Chemical Properties

<b>Boiling Point:</b>	750°F	<b>Specific Gravity:</b>	0.993
<b>Flash Point (COC):</b>	590° F	<b>Evaporation Rate:</b>	N/A
<b>Vapor Density:</b>	25	<b>Solubility in Water:</b>	N/A
<b>Vapor Pressure (25° C):</b>	0.01 mm Hg	<b>pH:</b>	N/A
<b>Appearance and Odor:</b>	Viscous yellow liquid, mild odor.		

### Section 10 - Stability and Reactivity

**Stability:** This product is stable under normal conditions.  
**Conditions to Avoid:** Strong oxidizing agents, excess heat, strong acids or bases.  
**Hazardous Polymerization:** Will not occur under normal circumstances.

### Section 11 - Toxicological Information

**Eye Effects:** Mildly irritating (rabbit).  
**Skin Effects:** Mildly irritating (rabbit); Not a sensitizer (guinea pig).  
**Dermal LD<sub>50</sub>:** >20 g/kg (rabbit)  
**Oral LD<sub>50</sub>:** = 22.5 g/kg (rat)  
**Inhalation LC<sub>50</sub>:** Inhalation of concentrated vapors for 8 hours produced no deaths (rat).  
**Acute Effects from Overexposure:** Product has very low oral, dermal, and inhalation toxicity. Epoxidized soybean oil is mildly irritating to the eyes and skin and is non-sensitizing to the skin.  
**Chronic Effects from Overexposure:** No data available for the product.  
**Carcinogenicity:** Not listed on IARC, NTP, OSHA, or ACGIH lists of carcinogens.

**Product Name:** PLASTHALL® ESO

### Section 12 - Ecological Information

No ecological information is available at this time.

### Section 13 - Disposal Considerations

**Waste Disposal Methods:** Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

### Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

### Section 15 - Regulatory Information

**Toxic Substances Control Act (TSCA):** This product is in compliance with the TSCA regulation of the United States.

**Australian Inventory of Chemical Substances (AICS):** This product is listed on the AICS inventory of Australia.

**China Inventory of Existing Chemical Substances (IECSC):** This product is listed on the IECSC Inventory of China.

**Domestic Substance List (DSL):** This product is listed on the DSL inventory of Canada.

**European Inventory of Existing Chemical Substances (EINECS):** This product is listed on the EINECS inventory of Europe. #232-391-0.

**Korea Existing Chemicals List (ECL)** This product is listed on the ECL of Korea.

**Japan (ENCS)** This product is listed on the ENCS of Japan. #2-1434.

**New Zealand Inventory of Chemicals (NZIoC):** This product is listed on the NZIoC of New Zealand.

**Philippines Inventory of Chemicals and Chemical Substances (PICCS):** This product is listed on the PICCS of the Philippines.

**Superfund Amendments and Reauthorization Act (SARA):** This product has the following hazards as defined in Section 311/312 of 40 CFR part 372:

Hazards

None

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

**California Proposition 65:** This product contains the following substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

Ingredients

None

**Product Name:** PLASTHALL® ESO

## Section 16 - Other Information

Prepared By: DCU

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Supersedes: 07/10

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

<sup>(1)</sup> Affiliated companies include RTD\*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.