MATERIAL SAFETY DATA SHEET
THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: **SUPRMIX® HALLCO® Epoxy Resin** **Product Code**: 4888
Chemical Name: Bisphenol A/Epichlorohydrin Epoxy Resin & Hydrated Amorphous Silica

Supplier: The HallStar Company [(1)]
120 S. Riverside Plaza Suite 1620 PH: (877) 427-4255
Chicago, IL 60606

HMIS
Health: 2
Flammability: 1
Reactivity: 0
Gloves, Safety Glasses & Dust Mask

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

Section 2 - Information on Ingredients

Chemical Name:	**CAS #:**
Bisphenol A / Epichlorohydrin Epoxy Resin	25085-99-8
Hydrated Amorphous Silica	112926-00-8

Section 3 - Hazard Identification

Appearance/Odor: Yellow colored powder, slight ester odor

Potential Health Effects
Skin Contact: May cause allergic skin reactions in humans. Prolonged exposure not likely to cause significant skin irritation. Repeated contact may cause skin irritation with local redness.
Eye Contact: May cause slight eye irritation of susceptible persons.
Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.
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.

NOTE: Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (Example: asthma-like conditions)

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: CO_2 , 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: Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Contain the spill and transfer 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

Handling: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, all hazard precautions given in the data sheet must be observed.

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

Section 8 - Personal Protection

Hand Protection: Impervious gloves

Respiratory Protection: Dust mask recommended for normal operation. If overexposure has been determined or documented, a NIOSH approved respirator should be worn.

Eye Protection: Safety glasses

Engineering Measures: For normal operation local exhaust ventilation should suffice. Direct exhaust when material becomes a dusting nuisance.

Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	Unknown	**Specific Gravity**:	Unknown
Flash Point (COC):	N/A	**Evaporation Rate**:	N/A
Vapor Density:	Unknown	**Solubility in Water**:	Negligible

Appearance and Odor: Yellow colored powder, mild ester odor.

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.

Conditions to Avoid: Potentially violent decomposition can occur above 662° F. Avoid contact with oxidizing materials, acids and bases. Avoid unintended contact with amines.

Hazardous Decomposition Products: Decomposition products depend upon temperature, air supply and the presence of other materials. Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide and water.

Hazardous Polymerization: Will not occur by itself. Masses of more than one pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build up.

Section 11 - Toxicological Information

Information is for the Epoxy Resin material only.
Skin: LD50 for skin absorption in rabbits is 20,000 mg/kg
Ingestion: LD50 for oral ingestions for rats is >5,000 mg/kg
Mutagenicity: Animal genetic toxicity studies were negative. In vitro genetic toxicity studies were negative in some cases and positive in other cases.

Section 12 - Ecological Information

Information is for the Epoxy Resin material only.
Material is moderately toxic to aquatic organisms on an acute basis (LC50 or EC50 between 1 and 10 mg/L in the most sensitive species tested).

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.

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

Hazards
Immediate

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
Epichlorohydrin

Section 16 - Other Information

Prepared By: AAC
Revision Date: 06/07
Supersedes: 12/04

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.

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