

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: SUPRMIX® EPON® 828 **Product Code:** 4778
Chemical Name: Epoxy Resin and Hydrated Amorphous Silica

Supplier: The HallStar Company ⁽¹⁾ **HMIS**
120 S. Riverside Plaza Suite 1620 PH: (877) 427-4255 Health: 2
Chicago, IL 60606 Flammability: 1
USA Reactivity: 0
Gloves, Safety Glasses,
Dust Mask

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>
Polymer	25068-38-6
Hydrated Amorphous Silica	7631-86-9

Contains no detectable crystalline silica (detection limit <0.01% by weight)

Section 3 - Hazard Identification

Appearance/Odor: Free-flowing white powder; mild odor.

Potential Health Effects

Skin Contact: Repeated or prolonged contact may cause moderate irritation.
Eye Contact: May cause moderate eye irritation.
Ingestion: Effects unknown.
Inhalation: May cause dizziness and irritate respiratory tract.

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 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. If symptoms persist, seek medical attention. If person is not breathing, administer oxygen.

Section 5 - Explosion and Fire-Fighting Measures

Flash Point: > 250° F (COC)
Extinguishing Media: CO₂, 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

OSHA Permissible Exposure Limit (PEL): 15 mg/m³, total dust, 8hr TWA; 5 mg/m³, respirable dust, 8hr TWA

Hand Protection: Neoprene, Viton gloves
Respiratory Protection: Dust mask. Respirator with particulate prefilter may be required if exposure is above PEL.
Eye Protection: Safety glasses
Engineering Measures: For normal operation local exhaust ventilation should suffice. Direct exhaust when dusting becomes a nuisance or to keep exposure below PEL.
Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	Unknown	Specific Gravity:	1.324
Flash Point (COC):	>250° F	Evaporation Rate:	N/A
Bulk Density:	N/A	Solubility in Water:	Negligible
% Active:	72	Vapor Pressure (25° C):	Unknown

Appearance and Odor: Free-flowing white powder; mild odor.

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Strong oxidizing agents.
Hazardous Polymerization: Will not occur under normal circumstances.

Section 11 - Toxicological Information

No toxicological information is available at this time.

Product Name: SUPRMIX® EPON® 828

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, state and federal 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 Substance 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.

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 or exempt from listing on the EINECS inventory of Europe.

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

Hazards

Acute

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: DCU

Revision Date: 05/10

Supersedes: 06/07

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.