

# MATERIAL SAFETY DATA SHEET

## THE HALLSTAR COMPANY

### Section 1 - Identification of Substance and Company

**Product Name:** SUPRMIX<sup>®</sup> TAC  
**Chemical Name:** Hydrated Amorphous Silica and  
Triallyl Cyanurate

**Product Code:** 4618

**Supplier:** The HallStar Company <sup>(1)</sup>  
120 South Riverside Plaza  
Suite 1620 PH: (877) 4CP - HALL  
Chicago, Illinois 60606  
USA

**HMIS**  
Health: 2  
Flammability: 1  
Reactivity: 1  
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>
Triallyl Cyanurate	101-37-1
Hydrated Amorphous Silica	7631-86-9

### Section 3 - Hazard Identification

**Appearance/Odor:** White powder, slight 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:** Substance may be harmful if swallowed. May irritate mouth, throat and stomach.  
**Inhalation:** May cause dizziness.

### Section 4 - First Aid Measures

**Skin Contact:** Wash affected skin with soap and water. Seek medical attention if symptoms persist.  
**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.  
**Ingestion:** Seek medical advice.  
**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.  
**Unusual Fire and Explosion Hazards:** This material will burn vigorously when exposed to a flame at elevated temperatures.

## Section 6 - Accidental Release/Spill Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Contain the spill and transfer to 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 process, should be evaluated to establish and maintain safe operating procedures.

Keep from contact with oxidizing materials. Avoid open flames and excessive heat.

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

## Section 8 - Personal Protection

<b>Exposure Limits:</b>	OSHA 8-hour Time Weighted Average (TWA) = 6 mg/m <sup>3</sup> (total dust)
<b>Hand Protection:</b>	Impervious gloves
<b>Respiratory Protection:</b>	Dust mask is recommended. Use NIOSH approved respirator with particulate prefilter, when dusting is above the TWA.
<b>Eye Protection:</b>	Safety glasses
<b>Engineering Measures:</b>	For normal operation, local exhaust ventilation should suffice. Direct exhaust when dusting becomes a nuisance.
<b>Other:</b>	Eyewash facility in vicinity.

## Section 9 - Physical and Chemical Properties

<b>Boiling Point:</b>	N/A	<b>Bulk Dnsity:</b>	43.8g/100ml
<b>Flash Point:</b>	>200F	<b>Evaporation Rate:</b>	Negligible
<b>Vapor Density (Air=1):</b>	N/A	<b>Solubility in Water:</b>	Insoluble
<b>Vapor Pressure (20°C):</b>	N/A	<b>pH:</b>	N/A
<b>% Active:</b>	72	<b>Melting Point:</b>	27.3° C
<b>Appearance and Odor:</b>	Light brown powder, slight odor		

## Section 10 - Stability and Reactivity

<b>Stability:</b>	This product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Avoid temperatures above 50° C. At temperatures above 70° C danger of exothermal reaction triggered by polymerization.
<b>Hazardous Polymerization:</b>	Will not occur under normal circumstances.
<b>Incompatibility with Other Materials:</b>	Peroxides, Metallic compounds.

### Section 11 - Toxicological Information

No information is available at this time.

### Section 12 - Ecological Information

This product does not contain any ozone depleting compounds (ODC's).

### 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 Health Hazard

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

### Section 16 - Other Information

Prepared By: AAC

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New Format  
Supersedes: 04/03

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.