



55 W.L. Runnels Industrial Drive; Hattiesburg, MS 39401

## SAFETY DATA SHEET

### 1. Identification

<b>Product Name</b>	Alpha Methacryl POSS® Cage Mixture
<b>Product Number</b>	MA0737
<b>Synonyms</b>	Methacryloxymethyl(trimethoxysilyl), hydrolyzed
<b>CAS Number</b>	NA
<b>Product Use</b>	Flame Retardant, Dispersant, Monomer
<b>Manufacturer</b>	Hybrid Plastics, Inc. 55 Runnels Dr. Hattiesburg, MS 39401 US
<b>Telephone</b>	+1.601.544.3466
<b>Fax</b>	+1.601.545.3103
<b>Email</b>	<a href="mailto:info@hybridplastics.com">info@hybridplastics.com</a>
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### 2. Hazards Identification

**GHS Classification in accordance with 29 CFR 1910 (OSHA Hazcom 2012)**  
Not Classified

**GHS Label elements**

According to the corresponding national regulations there is no labeling obligation for this product.

**Hazards not otherwise classified (HNOC)**

May be slightly irritating to the eyes, respiratory system and skin

**3. Composition/Information on Ingredients**

Chemical Identity	CAS#	EC#	Conc.
Methacryloxymethyl(trimethoxysilyl), hydrolyzed	54586-78-6	NA	100 %

**4. First Aid Measures****Inhalation**

Remove to fresh air. If breathing becomes difficult, seek immediate medical attention.

**Skin Contact**

Wash off with soap and water.

**Eye Contact**

Flush eyes with plenty of water.

**Ingestion**

If swallowed, do not induce vomiting. Wash out mouth with water if person is conscious.

**5. Fire Fighting Measures****Suitable extinguishing media**

Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Special protective equipment and precaution for fire fighters**

Fire fighters exposed to vapors should wear a self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards**

None

**Combustion Products**

Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon, silicon and nitrogen.

**6. Accidental Release Measures****Personal precautions**

Exercise appropriate precautions to minimize direct contact with skin or eyes.

**Environmental precautions**

Do not let product enter drains.

### Methods for cleaning up

Use suitable absorbent, sweep up, place in bag and hold for disposal. Ventilate area and wash spill site after material pick up is complete.

## 7. Handling and Storage

### Handling precaution

Handle in a fume hood or in properly ventilated area. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

### Storage precaution

Ambient temperatures in tightly closed containers.

## 8. Exposure Controls/Personal Protection

### Respiratory protection

Use a dust mask or respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Hand protection

Wear protective gloves. Wash thoroughly after handling.

### Eye protection

Wear chemical safety goggles or a face shield

### Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Hygiene measures

Use common industrial hygiene practices.

## 9. Physical and Chemical Properties

Appearance	Clear, Colorless liquid
Odor	Slight, Acrylic-like
Odor threshold	None
pH	No data available
Melting/freezing point	No data available
Initial boiling point and range	No data available
Flash point	>228°F
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.2

Solubility(ies)	Tetrahydrofuran (s), Water (ns)
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	120 Pa s @ 25°C

## 10. Stability and Reactivity

### Chemical stability

Stable under recommended storage conditions

### Conditions/materials to avoid

Exposure to strong bases

### Hazardous decomposition products

Carbon dioxide, Carbon monoxide, Silicon Oxides

## 11. Toxicological Information

### Acute toxicity

Oral (rat) no data available

### Skin corrosion/irritation

Not a primary skin irritant (no data available)

### Serious eye damage/eye irritation

No data available

### Respiratory or skin sensitization

No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

### Reproductive toxicity

No data available

### Specific target organ toxicity – single exposure

No data available

### Specific target organ toxicity – repeated exposure

No data available

### Aspiration hazard

No data available

### **Additional Information**

To the best of our knowledge the toxicological properties have not been thoroughly investigated.

## **12. Ecological Information**

### **Toxicity**

No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **PBT and vPvB assessment**

No data available

### **Other adverse effects**

No data available

## **13. Disposal Considerations**

### **Product**

Contact a licensed waste disposal service to dispose of this material.

### **Contaminated packaging**

Dispose of as unused product.

## **14. Transport Information**

### **Classification for road and rail transport (ADR/RID)**

Not dangerous goods

### **Classification for sea transport (IMO-IMDG)**

Not dangerous goods

### **Classification for air transport (IATA/ICAO)**

Not dangerous goods

## **15. Regulatory Information**

**U.S. Federal Regulations**  
**US TSCA Inventory**  
**REACH (EU)**

This product is not currently regulated by SARA/EPCRA  
Listed  
Not registered

China IECSC  
Canada NDSL

not listed  
not listed

## 16. Other Information

**Date prepared:** 10.12.2022

**Reviewed by:** Director of Commercial Products

The information and recommendations contained in this Safety Data Sheet are from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. While the above information is believed to be accurate, no warranty, guaranty, or representation is made as to the correctness or sufficiency of the information and the information is intended only as a guide. Hybrid Plastics shall not be held liable for any damage resulting from handling or from contact with this product. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine environmental regulatory compliance obligations under any applicable laws.