

SAFETY DATA SHEET

THIS PRODUCT IS NOT HAZARDOUS. THIS DOCUMENT IS FOR INFORMATION ONLY.

1. Identification

Product Name	MethoxyPEG Isooctyl-POSS
Product Number	PG1193 and HC1013.71 and HC1013.31
Synonyms	Trimethylpentyl/Methoxy PEG-10 Propyl Polysilsesquioxane (INCI) Poly(oxy-1,2-ethanediyl, α -[3-[5,7,9,11,13,15-heptakis(2,2,4-trimethylpentyl)pentacyclo[9.5.1.13,9.15,15.17,13]octasiloxan-1-yl]propyl]- ω -methoxy-
CAS Number	2171462-48-7
Product Use	Various
Manufacturer	Hybrid Plastics, Inc. 55 Runnels Dr. Hattiesburg, MS 39401 US
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2. Hazards Identification

OSHA/HCS Status While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

GHS Classification	Not Classified
Signal Word	No Signal Word
Hazard Statements	No known significant effects or critical hazards.
Precautionary Statements	
Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable
GHS Label Elements	
None	

Hazards Not Otherwise Classified
None Known

3. Composition/Information on Ingredients

Chemical Identity	CAS#	EC#	Conc.
Isooctyl/Methoxy PEG-10 Polysilsesquioxane-POSS®	2171462-48-7	NA	100 %

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Eye Contact

Flush eyes with plenty of water. lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Ingestion

If swallowed, do not induce vomiting. Wash out mouth with water if person is conscious. Get medical attention if symptoms occur.

5. Fire Fighting Measures

Suitable extinguishing media

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

Unsuitable extinguishing media

None known.

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 and silicon.

6. Accidental Release Measures**Personal precautions**

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

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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**

Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Handle in properly ventilated area. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage precaution

Store in original container protected from direct sunlight in a dry, cool area. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

8. Exposure Controls/Personal Protection**Respiratory protection**

Respiratory protection is not required. Where respiratory protection is desired, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Good general ventilation should be sufficient to control worker exposure.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Wash thoroughly after handling.

Eye protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side- shields.

Skin and body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hygiene measures

Use common industrial hygiene practices.

9. Physical and Chemical Properties

Appearance	Clear liquid
Color	Colorless to pale yellow
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting/freezing point	< 4 °C
Initial boiling point and range	No data available
Flash point	>228 °F (109 °C)
Evaporation rate	No data available
Flammability	Not flammable
Upper/lower flammability explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.1
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	0.80-0.95 Pa s

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**

No known significant effects or critical hazards.

Skin corrosion/irritation

No known significant effects or critical hazards.

Serious eye damage/eye irritation

No known significant effects or critical hazards.

Respiratory or skin sensitization

No known significant effects or critical hazards.

Germ cell mutagenicity

No known significant effects or critical hazards.

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 known significant effects or critical hazards.

Specific target organ toxicity – single exposure

No known significant effects or critical hazards.

Specific target organ toxicity – repeated exposure

No known significant effects or critical hazards.

Aspiration hazard

No known significant effects or critical hazards.

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**

This product is not currently regulated by SARA/EPCRA

TSCA

Not Listed

REACH (EU)

Not registered

16. Other Information**Date prepared:** 03.21.2023**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.