



P.O. Box 26749  
Greenville, SC 29616  
1-866-280-1724  
[www.siroflexinc.com](http://www.siroflexinc.com)

## Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** HybriSil®  
**CHEMICAL NAME:** MS Polymer  
**T.S.C.A. STATUS:** Yes  
**CHEMICAL FORMULA:** Mixture

### II. HAZARDOUS INGREDIENTS

COMPONENTS:	%	CAS Reg. #
Trimethoxyvinylsilane	Less than 5	2768-02-7

### III. PHYSICAL DATA

**APPEARANCE:** Pasty  
**COLOR:** Various Colors  
**ODOR:** Characteristic  
**BOILING POINT/BOILING RANGE:** 518°F (270°C)  
**SPECIFIC GRAVITY:** Approx. 1.56  
**BULK DENSITY:** Approx. 1.56g/cm<sup>3</sup>  
**SOLUBILITY IN WATER:** Not miscible or difficult to mix  
**VOC CONTENT:** 0.4g/l / 0.00 lb/gl

### IV. FIRE & EXPLOSION DATA

**FLASH POINT F° (C°):** > 212° F (>100° C)  
**EXTINGUISHING MEDIA:** Use measures that suit the environment  
**AUTO IGNITING:** Product is not self igniting  
**DANGER OF EXPLOSION:** Product does not present an explosion hazard.

### **SPECIAL FIRE FIGHTING PROCEDURES / UNUSUAL FIRE OR EXPLOSION HAZARDS:**

Firefighters should wear self contained breathing apparatus. Under fire conditions irritating and / or toxic vapors or gases may be present.

### V. HEALTH EFFECTS DATA

**PRIMARY IRRITANT EFFECT:**  
**ON THE SKIN:** No irritating effect.  
**ON THE EYE:** No irritating effect.  
**SENSITIZATION:** No sensitizing effects known.  
**ADDITIONAL TOXICOLOGICAL INFORMATION:**

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### **COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:**

471-34-1 CALCIUM CARBONATE (30%-60%)  
PEL 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction  
REL 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction  
TLV TLV withdrawn



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### Hybrisil Super 7

#### VI. EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** Rinse opened eye for several minutes under running water.  
**SKIN CONTACT:** Generally product does not irritate the skin. Remove uncured product with a dry cloth or towel. Wash thoroughly with soap and water.  
**INHALATION:** Remove to fresh air. Consult doctor in case of complaints.  
**INGESTION:** If symptoms persist, consult doctor.

#### VII. EMPLOYEE PROTECTION RECOMMENDATIONS

**GENERAL PROTECTIVE MEASURES:** The usual precautionary measures for handling chemicals should be followed.  
**EYE PROTECTION:** None normally required. Safety glasses are suggested.  
**SKIN PROTECTION:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.  
**Material of the gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
**RESPIRATORY PROTECTION:** None required.  
**VENTILATION:** No special requirements.

#### VIII. REACTIVITY DATA

**THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED:** No decomposition if used according to specifications.  
**DANGEROUS REACTIONS:** No dangerous reactions known.  
**DANGEROUS PRODUCTS OF DECOMPOSITION:** No dangerous decomposition products known.

#### IX. SPILL OR LEAK PROCEDURES

**GENERAL NOTES:** Water hazard class 1 (self-assessment): slightly hazardous for water.  
**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Pick up mechanically. Ensure adequate ventilation. Do not allow to enter sewers, surface, or ground water.  
**WASTE DISPOSAL METHOD:** Landfill or incinerate in accordance with Federal, State or local environmental control regulations

#### X. SPECIAL PRECAUTIONS & STORAGE DATA

**STORAGE TEMPERATURE (MIN / MAX):** Min 34°F (-1°C), Max 140°F (60°C)  
**AVERAGE SHELF LIFE:** 12 months unopened  
**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:** -Store in dry area away from heat.  
-Use only in well ventilated areas.



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#### XI. SHIPPING DATA

##### TECHNICAL SHIPPING

NAME:

Caulking Compound

D.O.T. HAZARD

CLASSIFICATION:

Non- Regulated

FRT. CLASS PKG:

Class 55, NMFC 76720

#### XII. REGULATIONS

##### SARA

##### Section 355 (extremely hazardous substances)

None of the ingredients is listed.

##### Section 313 (specific toxic chemical listings)

67-56-1 Methanol

##### TSCA (Toxic Substances Control Act)

471-34-1 calcium carbonate  
85507-79-5 diundecyl phthalate, branched and linear  
13463-67-7 titanium dioxide  
2768-02-7 trimethoxyvinylsilane  
1592-23-0 calcium distearate, pure  
1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine  
3069-29-2 N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine  
67701-03-5 fatty acids, C16-18  
41556-26-7 Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate  
82919-37-7 Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate  
67-56-1 methanol  
681-84-5 tetramethyl orthosilicate

##### PROPOSITION 65

None of the ingredients is listed.

##### CARCINOGENICITY CATEGORIES

EPA (Environmental Protection Agency)

None of the ingredients is listed.

IARC (International Agency for  
Research on Cancer)

13463-67-7 titanium dioxide

NTP (National Toxicology Program)

None of the ingredients is listed.

TLV (Threshold Limit Value

Established by the ACGIH)

13463-67-7 titanium dioxide

NIOSH-Ca (National Institute

For Occupational Safety and Health)

13463-67-7 titanium dioxide

OSHA-Ca (Occupational Safety and

Health Administration)

None of the ingredients is listed.

##### PRODUCT RELATED HAZARD INFORMATION:

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.