



1801 Morgan Street
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 Phone: (815) 968-9661
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SDS Number: 276
 Revision Date: 07/09/2015
 Supersedes Date: 02/21/2013

SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: ELECTRONIC GRADE-SELF-LEVELING POTTING SILICONE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Type: Silicone Product
 Product Name: **ELECTRONIC GRADE SELF-LEVELING POTTING SILICONE SEALANT - CLEAR 10.2 OZ.**
 Part Number(s): 19-160

Emergency Contact: Chemtrec
 Phone: (800) 424-9300

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification:

This material's composition is slightly hazardous according to regulatory guidelines. See Section 15 for hazard ratings.

Label:

Symbol:



Signal Word: Warning

Hazard Statements:

Physical: None known

Health:

Ingestion	None known.
Skin Contact	Uncured product may irritate the skin.
Inhalation	None known.
Eye Contact	May cause mild eye irritation.
Medical Conditions Aggravated	None known.
Subchronic (target organ) Effects	None known.
Chronic Effects/Carcinogenicity	This product or one of its ingredients that is present in 0.1% or more is NOT listed or is suspected as a carcinogen by NTP, IARC, or OSHA.
Principle Routes of Exposure	None known.

Precautionary Statements:

General: Obtain special instructions before use, and do not handle until all safety precautions have been read and understood.



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SECTION 2. HAZARDS IDENTIFICATION

Other Hazard Information:

- This product contains methylpolysiloxanes, which can generate formaldehyde upon exposure above 300 degrees centigrade in atmospheres that contain oxygen. Formaldehyde is a skin, eye, and throat irritant.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization:

Formula: Mixture

Composition and Information on Ingredients: Non-hazardous components of the mixture unless otherwise specified.

Component	CAS #	Approximate % Weight
Polydimethylsiloxane, silanol terminated	70131-67-8	45-50
Trade Secret Component	--	1-5
Polydimethylsiloxane, trimethyl terminated	63148-62-9	10-29
Vinyl Oximino Silane	2224-33-1	1-5
Modified Silicon Dioxide	68611-44-9	2-12
Aminosilane	919-30-2	0-2

SECTION 4. FIRST AID MEASURES

General Information:

Ingestion: None known.

Skin: Wash with soap and water.

Inhalation: None known.

In case of eye contact: Flush with water for fifteen minutes and get medical attention if irritation persists.

Note to Physician: None known.

SECTION 5. FIREFIGHTING MEASURES

Flammability Properties:

Flash Point: > 315°C or 600°F

Ignition Temperature: NA

Flammable Limits in Air-Upper % : NA

Flammability Limits in Air-Lower % : NA

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No



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SECTION 5. FIREFIGHTING MEASURES (CONTINUED)

Extinguishing Media: All standard firefighting material.

Special Firefighting Procedures: None known.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled: Scrape up and place in an inert material for disposal. See Section 8 for protective equipment upon exposure.

SECTION 7. HANDLING AND STORAGE

Precautions to be taken during handling and storage: Cure only where appropriate ventilation systems exist, as seen in Section 8.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Components with limit values that require monitoring at the workplace:

Component	CAS #	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL
Polydimethylsiloxane, silanol terminated	70131-67-8	NE	NE	NE	NE
Trade Secret Component	--	NF	NE	NF	NE
Polydimethylsiloxane, trimethyl terminated	63148-62-9	--	NE	--	NE
Vinyl Oximino Silane	2224-33-1	NE	NE	NE	NE
Modified Silicon Dioxide	68611-44-9	6 mg/m ³	10 mg/m ³	6 mg/m ³	10 mg/m ³
Aminosilane	919-30-2	NE	NE	NE	NE

Note: All solid powders are fully encapsulated in the cured and uncured product and are not hazardous in this form.

Note: Oximino Silanes form Methyl Ethyl Ketoxime upon contact with atmospheric moisture. Provide adequate ventilation to control exposures within the following exposure guidelines: *Vendor Guide TWA: 3 ppm, Vendor Guide STEL: 10 ppm, AIHA WEEL TWA: 10 ppm*

Exposure Controls and Protection:

Engineering Controls: None known.
Respiratory Protection: None required.
Protective Gloves: Cloth gloves.

Eye and Face Protection: Safety glasses.
Other Protective Equipment: None required.
Ventilation: Cure in well-ventilated areas.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Boiling Point: NA	Evaporation Rate: < 1
Vapor Pressure: NA	Specific Gravity: 1.03
Vapor Density: NA	Density (kg/m³): 1030
Freezing Point: NA	Acid/Alkalinity: Unknown.
Melting Point: NA	pH: NA
Physical State: Liquid.	VOC: NT
Odor: Mild.	Solubility in Water: Insoluble.
% Volatile by Volume: < 1	Solubility in Organic Solvents: Partially soluble in toluene.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability:

Stability: Stable.

Reactivity:

Hazardous Polymerization: Will not occur.

Hazardous Thermal Decomposition/Combustion Products:

- Carbon Dioxide
- Silicon Dioxide
- Carbon Monoxide
- Formaldehyde

Conditions to Avoid: None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Product Information on Toxicological Effects:

Acute Oral LD50: Unknown.

Acute Dermal LD50: Unknown.

Acute Inhalation LC50: Unknown.

Ames Test: Unknown.



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicological Information: Unknown.
Chemical Fate Information: Unknown.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Method: Disposal should be made in accordance with federal, state, and local considerations.

SECTION 14. TRANSPORT INFORMATION

General:

DOT Shipping Name: Not regulated
DOT Hazard Class: NA
DOT Label: NA
UN/NA Label: NA
Placards: None
IATA: Not Regulated
IMO IMDG-code: NA

European Class:
RID (OCTI): NA
ADR (ECE): NA
RAR (IATA): NA

SECTION 15. REGULATORY INFORMATION

Regulatory Status and Applicable Laws and Regulations:

SARA Section 302: None found.
SARA (311, 312) Hazard Class: None.
SARA (313) Chemicals: None.
CPSC Classification: NA
WHMIS Hazard Class: None.
Export Schedule:
B/HTSUS: 3214.10.0010
Caulking Compounds and Other Mastics.
ECCN: EAR99

California Proposition 65: None.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.



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SECTION 15. REGULATORY INFORMATION (CONTINUED)

Hazard Rating Systems:

HMIS (scale 0-4):

- Health = 1
- Flammability = 0
- Reactivity = 0

NFPA (scale 0-4):

- Health = 1
- Flammability = 0
- Reactivity = 0

SECTION 16. OTHER INFORMATION

Abbreviations and Acronyms:

OSHA: Occupational Safety and Health Administration

ACGIH: American Conference of Governmental Industrial Hygienists

LD50: Lethal Dose, 50 percent

LC50: Lethal Concentration, 50 percent **DOT:**

US Department of Transportation **IATA:**

International Air Transport Association

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

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