



1801 Morgan Street
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Phone: (815) 968-9661
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www.gcelectronics.com

MSDS Number: 276
Revision Date: 02/21/2013
Supersedes Date: 06/17/2009

MATERIAL 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	Emergency Contact:	Chemtrec
Product Name:	ELECTRONIC GRADE SELF-LEVELING POTTING SILICONE SEALANT - CLEAR 10.2 OZ.	Phone:	(800) 424-9300
Part Number(s):	19-160		

HMIS RATINGS	Least	0
	Slight	1
Health: 1	Moderate	2
Flammability: 1	High	3
Physical Hazard: 1	Extreme	4
	Personal Protection	B

SECTION 2. COMPOSITION

Single or Mixture:	Mixture
Chemical Identification:	Organopolysiloxane mixture
Hazardous Component(s)/CAS No.:	No hazardous materials present (See Section 8 of this MSDS for exposure Guideline)

SECTION 3. HAZARDS IDENTIFICATION

Hazard Classification:	None
Fire and Explosion:	None
Potential Health Effect:	
Inhalation:	Narcotic by evolved vapor.
Skin contact:	On direct contact uncured product or its vapor may cause slight irritation to skin.
Eyes contact:	On direct contact uncured product or its vapor may cause slight irritation to eyes.
Ingestion:	No information is available



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SECTION 4. FIRST AID MEASURES

Inhalation:	Remove to fresh air
Skin contact:	Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.
Ingestion:	Wash out mouth with water, provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

Flash point (method used):	140°C (Open cup) 87°C (Closed cup)
Flammable Limits:	[Methylethylketoxime: decomposed product] Lower: Not measured Upper: Not measured
Extinguishing media:	Foam, dry chemical carbon dioxide or fine water spray
Special Fire Fighting Procedure:	Not required
Unusual Fire and Explosion Hazard:	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Step to be taken in case material is released or spilled:

- Shut off all ignition sources
- Contain the spill or leak.
- Scrape up with rag or other material and place in container.



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SECTION 7. HANDLING AND STORAGE

Precaution to be taken in handling and storing:

- Keep container closed when not in use.
- Store in a cool place.
- Keep away from heat, sparks and flame.
- Do not lay the container on its side.
- Use only with adequate ventilation
- Avoid prolonged breathing vapor.
- Avoid contact with eyes and skin.
- Contact lens wearers take appropriate precaution
- Keep out of reach of children.
- * * * * Information about the emptied container * * * *
- Do not re-use this container
- Keep away from heat, sparks and flame.
- Do not puncture or cut this container, and do not weld on or near this container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

AIHA WEEL (TWA): 10 ppm

Respiratory Protection (specify type):

Use air-supplied breathing apparatus unless local exhaust ventilation is adequate or decomposed product is within AIHA guideline.

Ventilation:

Local Exhaust: Required

Mechanical (general): Adequate ventilation system

Special: Unknown

Other: Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)

Protective Glove: Plastic film or rubber gloves
Other Protective clothing or equipment: Eyewash equipment
Work/Hygienic practices:
Keep away from heat, sparks and flame.
Avoid prolonged breathing vapor.
Avoid contact with eyes and skin.
Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not applicable
Vapor Pressure: Negligible (25°C)
Vapor Density (air=1) >1
Specific Gravity: 1.03 (25°C)
Melting Point: Not applicable
Evaporation Rate: <1 (Butyl Acetate=1)
Solubility in Water: Not soluble
Appearance (color): Clear
Appearance (form): Flowable
Odor: Oxime odor

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable (But it will not vigorously polymerize, decompose, condense, or will not become self-reactive under conditions of shocks pressure or temperature.)
Condition of Avoid: Exposure to air or moisture until ready to use - Causes curing and methylethylketoxime vapors form gradually.
Incompatibility (materials to avoid): Water or moisture
Hazardous Decomposition or By-Product: Methylethylketoxime (Flammable liquid)
Hazardous Polymerization: Will not occur
Condition to Avoid: None:



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SECTION 11: TOXICOLOGICAL INFORMATION

Skin irritation:	No information is available See Other Information
Eye Irritation:	No information is available See Other Information
Sensitization:	No information is available See Other Information
Acute Toxicity (LD50)	No information is available See Other Information
Acute Toxicity (LC50)	No information is available See Other Information
Subacute Toxicity	No information is available See Other Information
Chronic Toxicity	No information is available See Other Information
Carcinogenicity:	NTP: Not listed, IARC: Not listed, OSHA Regulated: Not listed See Other information
Mutagenicity:	No information is available See Other Information
Other Information:	Additional Information Methyl Ethyl Ketoxime (MEKO) - - - Decomposition product Material will generate MEKO on exposure to humid air, gradually. This MEKO shows some adverse health effects in animal studies as follows. Skin Irritation: Causes mild irritation. Can be absorbed through the skin. Eyes Irritation: Causes severe irritation Acute Oral Tox: LD50 (rat) = 4 ml/kg. Acute Inhalation Tox: LC50 (rat) = >4.8mg/l Inhalation Tox. Shows narcotic action at high concentration May produce blood effects. Skin Sensitization Positive (guinea pig)



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SECTION 11: TOXICOLOGICAL INFORMATION (CONTINUED)

Neurotoxicity: High dose can produce transient and reversible change in neurobehavioral function. NO evidence of cumulative neurotoxicity was detected.

Carcinogenicity: Liver carcinomas were observed in a lifetime inhalation study (ca.2 years) in which mice and rats were exposed. These carcinomas were statistically increased in males at MEKO Concentration of 375 ppm. Relevance to humans is uncertain now.

Mutagenicity: Not considered mutagenic based on several in vitro and vivo Studies.

Other Chronic Study: Degenerative effects on the olfactory epithelium of nasal passages occurred in concentration related manner in males and females of mice and rate at MEKO concentration of 15, 75 375 ppm

Workplace Environmental Exposure Level: AIHA WEEL 10 ppm (TWA)

SECTION 12. ECOLOGICAL INFORMATION

Biodegradation: Not applicable
Bioaccumulation: No information is available
Aquatic Toxicity: No information is available
Other information: None

SECTION 13. DISPOSAL CONSIDERATIONS

Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully.
Observe all federal, state and local laws.



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SECTION 14: TRANSPORT INFORMATION

US DOT & CANADA TDG SURFACE

Valuation.....: Not regulated for transport

Transport by sea IMDG-Code

Valuation.....: Not regulated for transport

Air transport ICAO-TI/IATA-DGR

Valuation.....: Not regulated for transport

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA) Status: Listed on the TSCA inventory

European Inventory Of Existing Commercial Chemical Substances (EINECS) Status:

Listed on the EINECS

Labeling According To EC-Regulations Required:

Symbol: Not required

R-Phrase: Not required

S-Phrase: Not required

Contains: None

Superfund Amendments and reauthorization to of 1986 (SARA) Title III Section 313 Supplier Notification:

This regulation required submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency pl and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are th chemical(s) contained in this product are:

Chemical Name(CAS No.) And Contents: None

California Proposition 65:

This regulation requires a warning for California Proposition 65 Chemical(s) under the stature.

The California Proposition 65 Chemical(s) contained in this product are:

Chemical Name/(CAS No.) And Contents: None

SECTION 16. OTHER INFORMATION

GC Electronics believes that the information contained herein is accurate and reliable as of the date of this material safety data sheet, but no representation guarantee or warranty, express or implied, is made as to the accuracy, reliability or completeness of the information. Persons receiving information are encouraged to make their own determination as to the information's suitability and completeness for their particular application. NO INFORMATION CONTAINED HEREIN CONSTITUTES A PRODUCT WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANT ABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY GC ELECTRONICS.