

SILICONE RUBBER COMPOUND

Product: IR001084

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: G.E. Silicones
260 Hudson River Road
Waterford, NY 12188.

Emergency phone number: 518-237-3330

Product name: Silicone Rubber Compound

Effective date: 2003/02/25

HMIS

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PPE Sec. 8

Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient	ACGIH-TLV TWA	LD/50	LC/50
4253-34-3	1-5	METHYLTRIACTOXSILANE	NOT AVAILABLE	2060 MG/KG RAT ORAL	NOT AVAILABLE
64742-47-8	5-10	PETROLEUM DISTILLATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
68611-44-9	5-10	MODIFIED SILICON DIOXIDE		NOT AVAILABLE	NOT AVAILABLE
70131-67-8	60-80	DIMETHYL POLYSILOXANE		>64 ML/KG RAT ORAL >16 ML/KG RABBIT DERMAL	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: CAS# 68611-44-9: TLV 10 mg/m3 (supplier).
CAS# 4253-34-3: TLV 10 ppm (supplier).

Section 3 : HAZARD IDENTIFICATION

Emergency overview: Translucent liquid with acetic acid odor.

Irritant.

Wear appropriate protective equipment.

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: Uncured product contact irritates eyes.

Skin contact: May be absorbed through the skin.
May irritate lips, gums and tongue.
Uncured product contact may irritate the skin.

Inhalation: May be harmful if inhaled.
(uncured state only).
Mild irritant.

Ingestion: May be harmful if swallowed.
May cause central nervous system damage.
May cause gastro-intestinal irritation.
May cause nausea, vomiting and diarrhea.

Effects of chronic exposure: Pre-existing respiratory diseases may be aggravated by exposure.
Pre-existing skin disorders may be aggravated by exposure to this product.
NOTE:
This product can generate formaldehyde at 150°C and above in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, acutely toxic and a cancer hazard.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Remove with a dry cloth or paper towel before washing with detergent and water.
Get medical attention if irritation persists.

Eye contact: Flush with water for at least 15 minutes.
Check for and remove contact lenses.
Consult a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.
If breathing is difficult, administer oxygen.

Ingestion: Do not induce vomiting.
Seek medical attention if irritation persists.
Never give anything by mouth to an unconscious person.
If conscious, give 1–3 glasses of water to dilute stomach contents.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: All standard firefighting medias.

Special procedures: Wear a positive pressure, self contained breathing apparatus and full protective equipment.

Auto-ignition temperature: Not available.

Flash point (°C), method: Not applicable.

Lower flammability limit (% vol): Not applicable.

Upper flammability limit (% vol): Not applicable.

Explosion Data

Sensitivity to static discharge: Not expected.

Sensitivity to mechanical impact: No

Hazardous combustion products: Carbon monoxide (CO).
Carbon dioxide (CO₂).
Silicon dioxide (SiO₂).
Acetic acid fumes.

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Wear appropriate protective equipment.
Caution: floor may be slippery.
Wipe, scrape or soak up in an inert material and put in a container for disposal.
Clean spill area with detergent solution.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Avoid breathing vapors/mists.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Avoid contact with skin, eyes and clothing.
Launder contaminated clothing prior to reuse.

Storage requirements: Keep containers closed when not in use.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type: Cloth gloves.

Respiratory/Type:



Wear a NIOSH approved respirator if TLV is exceeded.
Air supplied respirator for higher concentrations.

Eye/Type:



Safety glasses.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Adequate ventilation.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Translucent.
Acetic acid odour.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Not applicable.

Vapour density (air=1): Not applicable.

Volatiles (%)

By volume: Not applicable.

**Evaporation rate
(butyl acetate = 1):** <1

Boiling point (°C): Not applicable.

Freezing point (°C): Not applicable.

pH: Not applicable.

Specific gravity @ 20 °C: 1.04

Solubility in water (%): Insoluble.

Coefficient of water\oil dist.: Not available.

VOC: (less water & exempt).
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NOTE: The physical data presented above are typical values and should not be construed as a specification.

Section 10 : STABILITY AND REACTIVITY
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Chemical stability: Stable under normal conditions.

Conditions of instability: None known.

Hazardous polymerization: Will not occur.

Incompatible substances: None known.

**Hazardous decomposition
products:** See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available.

Exposure limit of material: Not available.

Sensitization to product: See effects of chronic exposure.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 12 : ECOLOGICAL INFORMATION
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Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of all waste in accordance with Local, State, and Federal regulations.

Section 14 : TRANSPORT INFORMATION

D.O.T.: Not regulated.

Section 15 : REGULATORY INFORMATION
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USA Regulatory Information

SARA hazard catagories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: No.

Fire Hazard: No.

Sudden Release of Pressure: No.

Reactive: No.

SARA Section 313: None

CERCLA reportable quantity: None

TSCA inventory: The substance(s) which appear in section 2, with CAS numbers, appear on the TSCA inventory list.

CA Proposition 65: None

Section 16 : OTHER INFORMATION

Data prepared by: Global Safety Management
3340 Peachtree Road, #1800
Atlanta, GA 30326

Phone: 877-683-7460

Fax: (877) 683-7462

Web: www.globalsafetynet.com

Email: info@globalsafetynet.com.