

Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

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MEGA BLUE RTV SILICONE GASKET MAKER

This product appears in the following stock number(s):

77739

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: MEGA BLUE RTV SILICONE GASKET MAKER

General use: When cured, these products are not hazardous. They cure by reacting with atmospheric moisture to slowly give off butanone oxime. Butanone oxime can be an irritant

Chemical family: Elastomeric rubber

MANUFACTURER

ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTEL): (800) 255-3924
(CHEMTEL International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	n/e	20-40		n/e	n/e
CALCIUM CARBONATE 471-34-1	n/e	20-40	10 mg/m ³	n/e	n/e
LIMESTONE 1317-65-3	n/e	10-30		15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable)	n/e
SYNTHETIC ISOPARAFFINIC HYDROCARON 64742-47-8	n/e	5-15		n/e	n/e
VINYL OXIMINOSILANE 2224-33-1	n/e	<5		n/e	n/e
STEARIC ACID 57-11-4	n/e	<2		n/e	n/e
2-BUTANONE OXIME 96-29-7	n/e	0.5-2.0		n/e	n/e
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance		n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Blue paste with mild odor

Eye, skin and respiratory irritant. May be harmful if swallowed.

Potential health effects

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation

Symptoms of acute overexposure

Skin: Uncured product contact may irritate the skin.

Eyes: The 2-butanone oxime vapor given off during cure can cause eye irritation in poorly ventilated areas

Inhalation: Irritates mucous membranes. Overexposure to the silane may cause coma and respiratory failure.

Ingestion: May be harmful if swallowed. May irritate lips, gums, tongue, mouth, nose and throat.

Effects of Chronic Exposure: None known.

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists..

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam

Flash point: >95°C (200°F)

Method: TCC

Lower Explosive Limit: Not determined

Upper Explosive Limit: Not determined

Limit: Not determined

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact.

Unusual Fire/Explosion Hazards:

None.

Hazardous Products of Combustion:

Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Oxides of silicon, Formaldehyde

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact. Ventilate area.

Containment: N/A

Cleanup: Wipe or scrape up spill material. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Special procedures: Spills may cause slippery floors.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact with the skin and the eyes. Do not wear contact lenses. Wash thoroughly after handling.

Storage: Keep containers tightly closed in a cool, well-ventilated place. Store away from water or moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Other engineering controls: Eye wash station.

Personal protective equipment

Eye and face protection: Safety glasses

Skin protection: Rubber gloves.

Respiratory protection: With good ventilation, none required. An approved respirator (i.e.NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

Comments: When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.44

Boiling Point: Not applicable, polymeric material

Melting point: n/d

Vapor Density (Air=1): 3.0

Vapor Pressure: <5 mm Hg @ 80°F

Evaporation Rate: Not Determined

VOC: <4%

Solubility in water: Polymerized

pH (5% solution or slurry in water): n/d

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: Exposure to moisture.

Incompatibilities: Polymerized by contact with moisture, Strong oxidizers, Acids, Iron

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Oxides of silicon, Formaldehyde

Conditions under which hazardous polymerization may occur: None known.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, tertogenicity and mutagenicity: Methyl ethyl ketoxime (MEKO) is formed upon contact with water or humid. Male rodents exposed to MEKO vapor throughout their lifetimes developed liver cancer. Until more data is available, exposure levels should be maintained as low as possible.

Other chronic effects: None known.

Toxicological information on hazardous chemical constituents of this product:

ITW Consumer - Devcon/Versachem

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	n/d	n/d	n/d
CALCIUM CARBONATE 471-34-1	n/d	n/d	n/d
LIMESTONE 1317-65-3	n/d	n/d	n/d
SYNTHETIC ISOPARAFFINIC HYDROCARON 64742-47-8	n/d	n/d	n/d
VINYL OXIMINOSILANE 2224-33-1	n/d	n/d	n/d
STEARIC ACID 57-11-4	n/d	n/d	n/d
2-BUTANONE OXIME 96-29-7	n/d	n/d	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Mobility and persistence: No data available

Environmental fate: No data available

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients of this product are listed or are exempt from listing on the TSCA Inventory

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	No	No	0.0	Not required

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Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
CALCIUM CARBONATE 471-34-1	No	No	0.0	Not required
LIMESTONE 1317-65-3	No	No	0.0	Not required
SYNTHETIC ISOPARAFFINIC HYDROCARON 64742-47-8	No	No	0.0	Not required
VINYL OXIMINOSILANE 2224-33-1	No	No	0.0	Not required
STEARIC ACID 57-11-4	No	No	0.0	Not required
2-BUTANONE OXIME 96-29-7	No	No	0.0	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any listed chemical at or above the No Significant Risk Limit.

Canadian Regulations

WHMIS Hazard Class: D2B TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:

Health 1 Flammability 1 Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

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