



Safety Data Sheet

DynaGrey Silicone Gasket Maker

Section 1. Identification

Product Identifier DynaGrey Silicone Gasket Maker

Synonyms 47182

Manufacturer Stock Numbers 143351

Recommended use Refer to Technical Data

Uses advised against Refer to Technical Data

Manufacturer Contact Address
Dynatex *a division of* Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification CARCINOGENICITY - Category 2
GASES UNDER PRESSURE - Liquefied gas
SENSITIZATION - SKIN - Category 1
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2

Signal Word Warning

Pictogram



Hazard Statements

Contains gas under pressure; may explode if heated
May cause an allergic skin reaction
May cause damage to organs through prolonged or repeated exposure.
Suspected of causing cancer.

Precautionary Statements

Response

Get medical advice/attention if you feel unwell.
If exposed or concerned: Get medical advice/attention.
If on skin: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Read label before use.
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not handle until all safety precautions have been read and understood.
Obtain special instructions before use.
Wear protective gloves.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Protect from sunlight. Store in a well-ventilated place.
Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
22984-54-9	Methyl Oximino Silane	1% - 5%
75-37-6	Difluoroethane (propellant)	1% - 5%
13463-67-7	Titanium Dioxide	0.1% - 1%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Comments	Treat according to person's condition and specifics of exposure.
Ingestion	No first aid should be needed.
Inhalation	Remove to fresh air. No first aid should be needed.
Skin Contact	Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Eye Contact	Immediately flush with water for 15 minutes. Seek medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
Auto-ignition Temperature	Not determined
Flammability Limits in Air	Not determined
Extinguishing Media	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire or Explosion Hazards	None known
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds Formaldehyde Silicon dioxide Metal oxides Nitrogen oxides

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Observe all personal protection equipment recommendations in Sections 5 and 8. Wipe or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.
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Section 7. Handling and Storage

Storage	Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.
Handling	Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Avoid breathing vapors. Keep container closed. Do not take internally. Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control MEKO within exposure guidelines or use respiratory protection. Product evolves methyl alcohol when exposed to water or humid air. Provide ventilation during use to control exposure guidelines or use air-supplied or self-contained breathing apparatus.
Other Precautions	Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control MEKO within the exposure guidelines or use respiratory protection.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	<table><thead><tr><th>Ingredient Name</th><th>ACGIH TLV</th><th>OSHA PEL</th><th>STEL</th></tr></thead><tbody><tr><td>Methyl Oximino Silane</td><td>N/A</td><td>N/A</td><td>N/A</td></tr><tr><td>Difluoroethane (propellant)</td><td>Not established</td><td>Not established</td><td>N/A</td></tr><tr><td>Titanium Dioxide</td><td>TWA: 10 mg/m3</td><td>TWA: 15 mg/m3 total dust</td><td>N/A</td></tr></tbody></table>	Ingredient Name	ACGIH TLV	OSHA PEL	STEL	Methyl Oximino Silane	N/A	N/A	N/A	Difluoroethane (propellant)	Not established	Not established	N/A	Titanium Dioxide	TWA: 10 mg/m3	TWA: 15 mg/m3 total dust	N/A
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Personal Protective Equipment	Goggles, Gloves																
Engineering Controls	Local Ventilation: Recommended General Ventilation: Recommended																
Eye Protection	Use proper protection - safety glasses as a minimum.																
Skin Protection	Wash at mealtimes and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.																
Respiratory Protection	Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.																
Precautionary Measures	Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.																
Comment	Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime within the exposure guidelines or use respiratory protection.																
Note	These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol																

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Grey
Odor	Some odor
Odor Threshold	N/A
Solubility	Not determined
Partition coefficient Water/n-octanol	N/A
VOC%	Not determined
Viscosity	N/A
Specific Gravity	1.04
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not Applicable
FP Method	N/A
pH	Not determined
Melting Point	Not determined
Boiling Point	Not determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not determined
Vapor Density	Not determined

Section 10. Stability and Reactivity

Materials to Avoid /
Incompatibility

Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8.

Conditions to avoid

None known

Hazardous polymerization Will not occur
Chemical Stability Stable

Section 11. Toxicological Information

Special Hazard Information on Component Methyl Oximino Silane (22984-54-9) Possible skin sensitizer
Vinyl Oximino Silane (2224-33-1) Possible skin sensitizer

Component Toxicology Information Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver tumors in rats and mice, additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants Complete information is not yet available.

Environmental Effects Complete information is not yet available.

Environmental Fate and Distribution Complete information is not yet available.

Section 13. Disposal

Waste Disposal Method We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name N/A

DOT Classification N/A

Packing Group N/A

Air Shipment (IATA) Not subject to IATA regulations.

Ocean Shipment (IMDG) Not subject to IMDG code.

Road Shipment Information (DOT) Not subject to DOT regulations.

Section 15. Regulatory Information

SARA Title III Section 302 Extremely Hazardous Substances	None
SARA Titre III Section 304 CERCLA Substances dangereuses	None
SARA Title III Section 312 Hazard Class	Acute: Yes Chronic: No Fire: No Pressure: No Reactive: No
SARA Title III Section 313 Toxic Chemicals	None present or none present in regulated quantities.
TSCA Status	All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
Massachusetts	Silica, amorphous (7631-86-9) Depending on color, may also contain: Titanium dioxide (13463-67-7)
New Jersey	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Silica, amorphous (7631-86-9) Methyl tri(ethylmethylketoxime) silane (22984-54-9) Di(ethylmethylketoxime) methoxymethyl silane (83817-72-5)
Pennsylvania	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Silica, amorphous (7631-86-9) Methyl tri(ethylmethylketoxime) silane (22984-54-9)
California Prop 65	WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the state of California to cause cancer and Methanol, which is known to the State of California to cause birth defects and other reproductive harm. For more information, go to www.P65Warnings.ca.gov .

Section 16. Other Information

Revision Date	5/21/2018
Disclaimer	The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.