Safety Data Sheet

Black RTV Silicone Gasket Maker

Section 1. Identification

Product Identifier	Black RTV Silicone Gasket Maker
Synonyms	49271
Manufacturer Stock Numbers	144334
Recommended use	Refer to Technical Information
Uses advised against	Refer to Technical Information

Manufacturer Contact

Address

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

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2B GASES UNDER PRESSURE - Liquefied gas SKIN CORROSION/IRRITATION - Category 2
Signal Word	Warning
Pictogram	

Hazard Statements	Causes eye irritation Causes skin irritation Contains gas under pressure; may explode if heated
Precautionary Statements	
Response	If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Read Label before use. Take off contaminated clothing and wash it before reuse.
Prevention	Wash hands thoroughly after handling. Wear protective gloves.
Storage	Protect from sunlight. Store in a well-ventilated place.
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Additional Information	None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
17689-77-9	Ethyltriacetoxysilane	1% - 5%
4253-34-3	Methyltriacetoxysilane	1% - 5%
75-37-6	Difluoroethane (propellant)	1% - 5%

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

Section 4. First-Aid Measures

Eye Contact	Immediately flush with water for 15 minutes. Seek medical attention.
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.
Inhalation	Remove to fresh air. No first aid should be needed.
Ingestion	No first aid should be needed.
Comments	Treat according to person's condition and specifics of exposure.

Section 5. Fire Fighting Measures

Suitable 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.
Unsuitable Extinguishing Media	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
Unusual Fire or Explosion Hazards	None known
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.
Flammability (as per CSMA Projection Test)	Container pressurized with a Flammable Gas, as listed in Section 2. Do NOT remove rubber plug from bottom of container, or expose to heat, sparks or flames.
Comment	When temperatures above 150C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limits for formaldehyde.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent 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.

Section 7. Handling and Storage

Handling	Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.

Storage	Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential. Do not store at temperatures above 120F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 1 Aerosols.
Note	Propellant remains in can during and after use and is not expelled with product. Do not remove rubber plug from bottom of container.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Ethyltriacetoxysilane	TWA 10ppm	TWA 10ppm	15ppm
Methyltriacetoxysilane	TWA 10ppm	TWA 10ppm	15ppm
Difluoroethane (propellant)	Not established	Not established	N/A

Personal Protective Equipment	Goggles, Gloves
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 applications that has been developed by the silicone industry (www.SEHSC.com).
Comment	Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. When heated to temperatures above 150C (300F) in the presence of air, product can form formaldehyde vapors. Physical and health hazard information is readily available on the Material Safety Data Sheet.
Precautionary Measures	Avoid eye contact. Avoid skin contact. Use reasonable care.
Respiratory protection	No respiratory protection should be needed with good local ventilation.
Skin Protection	Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended. Suitable Gloves: Silver Shield® 4H®
Eye Protection	Safety goggles or glasses with side shields are recommended.
Exposure Controls	Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Black
Odor	Acetic Acid Odor
Odor Threshold	Not available
Solubility	Not available
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	Not available
Specific Gravity	1.007
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>100C >212F
FP Method	Closed Cup
pH	Not available
Melting Point	Not available
Boiling Point	Not available
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not available
Flammability	Not available
Decomposition Temperature	Not available
Auto-ignition Temperature	Not available
Vapor Pressure	Not available
Vapor Density	Not available

Note	The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

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 Components	No known applicable information.

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	1950
UN Proper Shipping Name	Aerosols, flammable, NOS
DOT Classification	2.1
Packing Group	---
Air Shipment (IATA)	ICAO/IATA Class: 2.1 UN/ID Number: 1950 Label: 2.1 Packaging Group: - Proper Shipping Name: AEROSOLS, flammable, n.o.s.

Section 15. Regulatory Information

TSCA Status	All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
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.
Massachusetts	Carbon black (1333-86-4) Silica, amorphous (7631-86-9)
New Jersey	Carbon black (1333-86-4) Dimethyl siloxane, hydroxy-terminated (70131-67-8) Ethyltriacetoxysilane (17689-77-9) Hydrotreated middle petroleum distillates (64742-46-7) Methyltriacetoxysilane (4253-34-3) Polydimethylsiloxane (63148-62-9) Silica, amorphous (7631-86-9)
Pennsylvania	Carbon black (1333-86-4) Dimethyl siloxane, hydroxy-terminated (70131-67-8) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7)
Note	Propellant remains in can during and after use and is not expelled with product. Do not remove rubber plug from bottom of container.
California Prop 65	WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

Section 16. Other Information

Revision Date	6/7/2018
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.