

Safety Data Sheet

Black RTV Silicone

Section 1. Identification

Product Identifier Black RTV Silicone
Synonyms BD1486
Manufacturer Stock
Numbers BD1486

Recommended use Refer to Product Label
Uses advised against Refer to Product Label

Manufacturer Contact

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

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
N/A

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2A
GASES UNDER PRESSURE - Liquefied gas
SKIN CORROSION/IRRITATION - Category 2

Signal Word Warning

Pictogram



Hazard Statements Causes serious 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 eye protection/face protection. 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

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
Comment	When temperatures above 150°C 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.
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
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.
Extinguishing Media	Carbon Dioxide, Dry Chemical, Foam, Water, Water Fog or Spray
Flammability Limits in Air	Not determined
Auto-ignition Temperature	Not determined

Section 6. Accidental Release Measures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental Precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containment and cleaning up	Small spill Move containers from spill area. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Large spill Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Do not dry sweep. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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. 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.
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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.

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)	N/A	N/A	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	Aerosol spray
Color	Black
Odor	Acetic Acid Odor
Odor Threshold	N/A
Solubility	Nil (in water)

Partition coefficient Water/n-octanol	N/A
VOC%	30 g/L
Viscosity	Not Applicable
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 Applicable
Melting Point	Not Determined
Boiling Point	Not Applicable
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 Applicable
Vapor Density	Not Applicable

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.
Hazardous polymerization	Will not occur
Chemical Stability	Stable
Conditions To Avoid	When product is exposed to air and moisture, it will begin to cure.

Section 11. Toxicological Information

Special Hazard Information on Components	No known applicable information.
Component Toxicology Information	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

Disposal methods	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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Section 14. Transport Information

UN Number	1950
UN Proper Shipping Name	Aerosols, non-flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)
DOT Classification	2.2
Packing Group	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available
Special precautions for user:	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Remarks	Limited quantity exemption

Section 15. Regulatory Information

State Regulations	<p>Massachusetts The following components are listed: Silicon dioxide; 1,1-Difluoroethane</p> <p>New York None of the components are listed.</p> <p>New Jersey The following components are listed: 1,1-Difluoroethane</p> <p>Pennsylvania</p>
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	The following components are listed: Silicon dioxide
	California Prop. 65 No products were found.
Other Federal Regulations	DEA List I Chemicals (Precursor Chemicals) Not listed
	DEA List II Chemicals (Essential Chemicals) Not listed
SARA Title III	SARA 302/304 Composition/information on ingredients No products were found
	SARA 304 RQ Not applicable
	SARA 311/312 Classification Sudden release of pressure Immediate (acute) health hazard
Clean Air Act (CAA)	Section 112 Regulated Flammable Substances 1,1-Difluoroethane
	Section 112 (b) Hazardous Air Pollutants (HAPs) Not listed
	Section 602 Class I Substances Not listed
	Section 602 Class II Substances Not listed
United States inventory (TSCA 8b)	All components are listed or exempted.
International Regulations	Australia inventory (AICS): All components are listed or exempted. China inventory (IECSC): All components are listed or exempted. Japan inventory: Not determined. Korea inventory: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined. New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted. Philippines inventory (PICCS): All components are listed or exempted. Taiwan inventory (CSNN): Not determined.

Section 16. Other Information

Revision Date

7/29/2015

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.