

Safety Data Sheet

Red Hi-Temp RTV Silicone Gasket Maker

Section 1. Identification

Product Identifier Red Hi-Temp RTV Silicone Gasket Maker

Synonyms 49472

Manufacturer Stock Numbers 143374

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
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

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 On large fires use dry chemical, foam, or water spray. On small fires use carbon

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| Media | 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 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. |
| 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

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| Steps to be taken in case of spill or release | <p>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.</p> <p>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.</p> |
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Section 7. Handling and Storage

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| 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) | 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. | | | |
| Precautionary Measures | 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. | | | |
| Respiratory protection | Avoid eye contact. Avoid skin contact. Use reasonable care. | | | |
| Skin Protection | No respiratory protection should be needed with good local ventilation. | | | |
| Eye 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. | | | |
| Exposure Controls | Suitable Gloves: Silver Shield® 4H® | | | |
| | Safety goggles or glasses with side shields are recommended. | | | |
| | 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

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| Physical State | Paste |
| Color | Red |
| Odor | Acetic Acid Odor |
| Odor Threshold | Not available |

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| 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

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| Waste Disposal Method | <p>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.</p> <p>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.</p> |
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Section 14. Transport Information

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| UN Number | 1950 |
| UN Proper Shipping Name | Aerosols, flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane) |
| DOT Classification | 2.1 |
| 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

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| United States inventory (TSCA 8b) | All components are listed or exempted. |
| SARA Title III | <p>SARA 302/304 Composition/information on ingredients No products were found</p> <p>SARA 304 RQ Not applicable</p> <p>SARA 311/312 Classification Sudden release of pressure Immediate (acute) health hazard</p> |

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

State Regulations

Massachusetts
The following components are listed: Silicon dioxide; 1,1-Difluoroethane

New York
None of the components are listed.

New Jersey
The following components are listed: 1,1-Difluoroethane

Pennsylvania
The following components are listed: Silicon dioxide

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. For more information, go to www.P65Warnings.ca.gov

Other Federal Regulations

DEA List I Chemicals (Precursor Chemicals)
Not listed

DEA List II Chemicals (Essential Chemicals)
Not listed

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

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.