

Safety Data Sheet

Dynatex™ 49293 Blue RTV Silicone Gasket Maker - L/V

Section 1. Identification

Product Identifier Dynatex™ 49293 Blue RTV Silicone Gasket Maker - L/V
Synonyms N/A
Manufacture Stock Numbers N/A

Recommended use Refer to Technical Data
Uses advised against Refer to Technical Data

Manufacturer Contact

Address Dynatex Inc.
350 Ring Road
Elizabethtown, KY, 42701
USA

| Phone | Emergency Phone | Fax |
|----------------|-------------------------|-----|
| (270) 769-3385 | (800) 424-9300 Chemtrec | N/A |

Section 2. Hazards Identification

Classification N/A
Signal Word
Pictogram
Hazard Statements N/A
Precautionary Statements
Response N/A
Prevention Use only outdoors or in a well-ventilated area.
Storage N/A
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified Not a hazardous substance or mixture.

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|------------|------------------------|----------|
| 17689-77-9 | Ethyltriacetoxysilane | 1% - 5% |
| 4253-34-3 | Methyltriacetoxysilane | 1% - 5% |

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

Section 4. First-aid Measures

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| 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 | Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor are generated, care should be taken to prevent inhalation. In case of exposure to vapor, move to fresh air. |
| Ingestion | DO NOT INDUCE VOMITING. Seek immediate medical attention. |
| Comments | Treat according to person's condition and specifics of exposure. |

Section 5. Fire Fighting Measures

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|-----------------------------------|---|
| 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 Nitrogen oxides Metal oxides Sulfur oxides Chlorine compounds |
| 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.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release

Observe all personal protection equipment recommendations. Wipe up 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 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.

Section 7. Handling and Storage

Handling

Use with adequate ventilation. Product evolves acetic acid with exposed to water or humid air. Provide ventilation during use to control acetic acid with exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor. Keep container closed.

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.

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Ingredient Name</th> <th style="text-align: center;">ACGIH TLV</th> <th style="text-align: center;">OSHA PEL</th> <th style="text-align: center;">STEL</th> </tr> </thead> <tbody> <tr> <td>Ethyltriacetoxysilane</td> <td style="text-align: center;">TWA 10ppm</td> <td style="text-align: center;">TWA 10ppm</td> <td style="text-align: center;">15ppm</td> </tr> <tr> <td>Methyltriacetoxysilane</td> <td style="text-align: center;">TWA 10ppm</td> <td style="text-align: center;">TWA 10ppm</td> <td style="text-align: center;">15ppm</td> </tr> </tbody> </table> | Ingredient Name | ACGIH TLV | OSHA PEL | STEL | Ethyltriacetoxysilane | TWA 10ppm | TWA 10ppm | 15ppm | Methyltriacetoxysilane | TWA 10ppm | TWA 10ppm | 15ppm |
|-------------------------------|---|-----------------|-----------|----------|------|-----------------------|-----------|-----------|-------|------------------------|-----------|-----------|-------|
| Ingredient Name | ACGIH TLV | OSHA PEL | STEL | | | | | | | | | | |
| Ethyltriacetoxysilane | TWA 10ppm | TWA 10ppm | 15ppm | | | | | | | | | | |
| Methyltriacetoxysilane | TWA 10ppm | TWA 10ppm | 15ppm | | | | | | | | | | |
| Personal Protective Equipment | Goggles, Gloves | | | | | | | | | | | | |
| Component Exposure Limits | <p>Component Name: Ethyltriacetoxysilane CAS Number: 17689-77-9 Exposure Limits: See acetic acid comments Component Name: Methyltriacetoxysilane CAS Number: 4253-34-3 Exposure Limits: See acetic acid comments 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.</p> | | | | | | | | | | | | |
| 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. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended. Suitable Gloves: Handle in accordance with good industrial hygiene and safety practices. | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | |
| Suitable Respirator | Respiratory protection is not needed under ambient conditions. If vapor is generated when material is heated or handled, the following is advised. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. | | | | | | | | | | | | |
| Precautionary Measures | Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care. | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | |
| Note | These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. | | | | | | | | | | | | |

Section 9. Physical and Chemical Properties

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|---------------------------------------|------------------|
| Physical State | Paste |
| Color | Blue |
| Odor | Acetic Acid Odor |
| Odor Threshold | N/A |
| Solubility | Not Determined |
| Partition coefficient Water/n-octanol | N/A |
| Viscosity | Not Determined |
| Specific Gravity | 1.007 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | >212F / >100C |
| FP Method | Closed Cup |
| Ph | Not Determined |
| Melting Point | Not Determined |
| Boiling Point | Not Determined |
| Boiling Range | N/A |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | Not Determined |
| Flammability | N/A |
| Decomposition Temperature | N/A |
| Auto-ignition Temperature | N/A |
| Vapor Pressure | Not Determined |
| Vapor Density | Not Determined |

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

Section 10. Stability and Reactivity

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| Conditions to Avoid | None known |
| Hazardous Polymerization | Will not occur |
| Chemical Stability | Stable |
| 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. |

Section 11. Toxicological Information

Component Toxicology Information Inhalation of fumes may result in metal fume fever, a flu-like illness with symptoms of metallic taste, fever and chills, aches, chest tightness and cough.

Special Hazard Information on Components No known applicable information.

Section 12. Ecological Information

Environmental Effects Complete information is not yet available.

Environmental Fate and Distribution Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants 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, but contains SARA regulated substances. 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

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|-------------------------|-----|
| UN Number | N/A |
| UN Proper Shipping Name | N/A |
| DOT Classification | N/A |
| Packing Group | N/A |
| | |

Ocean Shipment (IMDG)

Not subject to IMDG code.

Road Shipment Information (DOT)

Not subject to DOT regulations.

Air Shipment (IATA)

Not subject to IATA regulations.

Section 15. Regulatory Information

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| | The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. |
| 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 Title 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 | Copper chlorophthalocyanine (12239-87-1) |
| Note | Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold. |
| California Proposition 65 | This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known |
| Massachusetts | Copper chlorophthalocyanine (12239-87-1) Silica, amorphous (7631-86-9) Titanium dioxide (13463-67-7) |
| New Jersey | Copper chlorophthalocyanine (12239-87-1) 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) Tetrabenz-5,10,15,20-diazaphorphyrinophthalocyanine [Pigment blue 15] (147-14-8) Titanium dioxide (13463-67-7) |
| Pennsylvania | Copper chlorophthalocyanine (12239-87-1) Dimethyl siloxane, hydroxy-terminated (70131-67-8) Hydrotreated middle petroleum distillates (64742-46-7) Polydimethylsiloxane (63148-62-9) Silica, amorphous (7631-86-9) Titanium dioxide (13463-67-7) |

Section 16. Other Information

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|---------------|---|
| Revision Date | 3/19/2015 |
| Disclaimer | The data contained herein is based upon information that Accumetric LLC 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. |