



Safety Data Sheet

Black Silicone Sealant, 500 F High Heat RTV

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Black Silicone Sealant, 500 F High Heat RTV
SDS Number: 27
Product Code: 76, 76A
Revision Date: 6/26/2019
Version: 1
Product Description: High Heat (up to 500 F intermittent) room temperature vulcanizing silicone sealant; acetoxy cure.
Product Use: High heat sealant

Supplier Details: Rutland Products
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Jacksonville, IL 62650

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2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
None, None, None

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

P233 - Keep container tightly closed.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container in accordance with local, regional, state and federal regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Skin; Ingestion

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

Ingestion: Ingestion is not an applicable route of entry for intended use.

Not a hazardous substance or mixture.

3 COMPOSITION/INFORMATION OF INGREDIENTS



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| CAS# | Chemical Ingredients: % | Chemical Name: |
|------------|----------------------------|--|
| 7631-86-9 | | Silica |
| 13463-67-7 | | Titanium dioxide |
| 7429-90-5 | | Aluminum |
| 1333-86-4 | | Carbon black |
| 64742-46-7 | | Distillates, petroleum, hydrotreated middle |

Percentages withheld, Trade secret.

4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.
- Skin Contact:** Wash with plenty of water. Get medical attention if irritation develops or persists.
- Eye Contact:** Immediately flush eyes with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist. May cause injury due to mechanical action.
- Ingestion:** Not a direct hazard. Not considered dangerous. Bring to the attention of a physician.

5 FIRE FIGHTING MEASURES

- Flammability:** Not classified as a flammability hazard.
- Flash Point:** > 100 C (212 F)
- Flash Point Method:** Closed cup
- Burning Rate:** Not Available
- Autoignition Temp:** Not Available

Use regular dry chemical, alcohol resistant foam, carbon dioxide or water - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Absorb spilled material and place in appropriate container for disposal.

7 HANDLING AND STORAGE

- Handling Precautions:** Use with adequate ventilation. Avoid contact with eyes. Avoid prolonged and repeated contact with skin. Wash thoroughly after handling. Keep away from food and drinking water.
- Storage Requirements:** Keep container closed to prevent drying out. Store in a cool, well ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.
- Personal Protective Equipment:** Wear protective clothing, including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|----------------------------|---------------|---------------------------|---------------|
| Appearance: | Black paste | Odor: | Acetic Acid |
| Physical State: | Liquid | Molecular Formula: | Not Available |
| Odor Threshold: | Not Available | Solubility: | insoluble |
| Particle Size: | Not Available | Softening Point: | Not Available |
| Spec Grav./Density: | 1.007 | Percent Volatile: | Not Available |
| Viscosity: | Not Available | Heat Value: | Not Available |
| Saturated Vapor | Not Available | | |



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|-------------------------------|--|------------------------------|-----------------|
| Concentration: | | Freezing/Melting Pt.: | Not Available |
| Boiling Point: | Not Available | Flash Point: | >100 C (>212 F) |
| Flammability: | Not classified as a flammability hazard. | Octanol: | Not Available |
| Partition Coefficient: | Not Available | Vapor Density: | Not Available |
| Vapor Pressure: | Not Available | VOC: | Not Available |
| pH: | Not Available | Bulk Density: | Not Available |
| Evap. Rate: | Not Available | Auto-Ignition Temp: | Not Available |
| Molecular weight: | Not Available | UFL/LFL: | Not Available |
| Decomp Temp: | Not Available | | |

10**STABILITY AND REACTIVITY**

| | |
|----------------------------------|--|
| Reactivity: | This product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical Stability: | Product is stable under normal conditions. |
| Conditions to Avoid: | Premature exposure to air or moisture initiates curing and the release of acetic acid vapors. |
| Materials to Avoid: | Strong Oxidizing Agents; |
| Hazardous Decomposition: | Formaldehyde |
| Hazardous Polymerization: | Will not occur. |

11**TOXICOLOGICAL INFORMATION**

No data available.

12**ECOLOGICAL INFORMATION**

No information available

13**DISPOSAL CONSIDERATIONS**

Dispose of this product in accordance with all applicable local, state and federal regulations.

14**TRANSPORT INFORMATION**

Not Regulated

15**REGULATORY INFORMATION**

RQ (CAS#) Substance - Reg Codes

Silica (7631-86-9) MASS, NJHS, PA, TSCA

Titanium dioxide (13463-67-7) MASS, OSHAWAC, PA, TSCA, TXAIR

Aluminum (7429-90-5) CFATS, EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

Carbon black (1333-86-4) CAPROP65, MASS, OSHAWAC, PA, PROP65, TSCA, TXAIR

Distillates, petroleum, hydrotreated middle (64742-46-7) TSCA

**WARNING**This product can expose you to chemicals including Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Regulatory Code Legend

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances



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PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
OSHAWAC = OSHA Workplace Air Contaminants
TXAIR = TX Air Contaminants with Health Effects Screening Level
CFATS = DHS Chemicals of Interest
EPCRAWPC = EPCRA Water Priority Chemicals
SARA313 = SARA 313 Title III Toxic Chemicals
CAPROP65 = California Prop 65

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OTHER INFORMATION

PREPARED BY: Brian Miller

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.

Revision Date: 6/26/2019