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FOR CHEMICAL EMERGENCY ONLY:

US & CANADA: (800) 424-9300 **Int'l & Wash. DC:** (703) 527-3887

**1. PRODUCT
IDENTIFICATION:**

Product ID **Black RTV Silicone Instant Gasket – 80046**

2. COMPOSITION/INGREDIENTS:

CHEMICAL NAME	CAS #	OSHA PEL	ACGIH TLV	Other Limits	Wt. %
Poly (dimethylsiloxane, hydroxyl terminated)	70131-67-8	NE	NE	*Provide ventilation	>60
Hydrotreated middle petroleum distillates	64742-46-7	5 mg/m ³	NE	to control acetic	5-10
Silica (amorphous)	7631-86-9	6 mg/m ³ dust	10 mg/m ³ dust	acid released upon	5-15
Methyltriacetoxysilane*	4252-34-3	NE	NE	contact with water	1-3
Ethyltriacetoxysilane*	17689-77-9	NE	NE	– OSHA PEL: 10	1-3
				ppm TWA	1-3

3. HAZARDS IDENTIFICATION: Emergency Overview

	HMIS	NFPA	
Health	1	1	Black paste with acetic acid (vinegar) odor. CAUTION: On contact, product causes irritation. Use in well-ventilated area. Avoid contact with eyes and skin. Inhalation irritant. Ingestion may cause digestive discomfort. KEEP OUT OF REACH OF CHILDREN.
Flammability	1	1	
Reactivity	0	0	
Physical Hazard	0	0	

Toxicity	Product releases acetic acid during cure – vapors and paste may be irritating. Prolonged or repeated skin contact may cause dermatitis in sensitive individuals. Traces of formaldehyde may form if heated in air above 300F (149C). Keep vapor concentration <30mg/m ³ (OSHA) TWA or STEL <45mg/m ³ .			
Primary routes of entry	Inhalation	Skin	Eyes	Ingestion
	X	X	X	
Signs/Symptoms of Exposure	Inhalation	May irritate mucous membranes.		
	Skin	Irritation possible.		
	Eyes	Vapors are irritating.		
	Ingestion	Digestive discomfort.		

4. FIRST AID MEASURES:

Inhalation	Remove to fresh air. Get medical attention if ill effects persist.
Skin	Remove contaminated clothing and wash affected areas with soap and water. Seek medical advice if irritation persists.
Eyes	Immediately flush eye with water for 15 minutes and seek medical advice.
Ingestion	No first aid should be necessary, however, consult with a physician as a precaution.

5. FIRE FIGHTING MEASURES: FLASH POINT: >250 °F/>100 °C (TCC)

LEL: NE

UEL: NE

Extinguishing Media	Dry chemical, foam or carbon dioxide.
Special Fire Fighting Procedures	Firefighters should wear self-contained breathing apparatus and protective equipment.
Hazardous Products of Combustion	Silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.
Unusual Fire/Explosion Hazards	None known.

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6. ACCIDENTAL RELEASE MEASURES:

Spill Procedures	Scrape up and place in container fitted with a lid for proper disposal. Do not allow large quantities to enter drains.
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7. HANDLING AND STORAGE:

Handling	Use with adequate ventilation. Use reasonable care and caution – avoid skin & eye contact and breathing vapors. Wash hands with soap and water after use. Launder contaminated clothing before reuse.
Storage	Store below 90°F (32°C). Store tightly closed away from heat sources in well-ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

EYES	SKIN	VENTILATION	OTHER
Safety glasses/goggles with side shields.	Rubber or plastic gloves for repeated/prolonged contact.	Local exhaust to maintain vapor concentration below exposure limits.	Apron to protect skin and clothing.

9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Black paste.	Odor: Acetic acid – (vinegar-like).	Boiling Point: NA
Specific Gravity (H₂O=1): 1.04	Solubility in Water: Less than 0.1%	Melting Point: NA
Vapor Density (Air=1): >1	Vapor Pressure (mm Hg): < 5 @ 77°F	Evaporation Rate (Butyl acetate=1): NA
Volatile Organic Compounds-VOC (less exempt): <7%		

10. STABILITY & REACTIVITY:

Stable: <input checked="" type="checkbox"/> X yes <input type="checkbox"/> no	Hazardous Polymerization: <input type="checkbox"/> may occur <input checked="" type="checkbox"/> X may not occur
Incompatible materials:	Oxidizing materials; air or moisture cause curing with acetic acid vapors being formed.
Conditions to avoid:	Exposure to air or moisture until ready to use.
Hazardous decomposition products:	Silicon dioxide, carbon dioxide, traces of incompletely burned carbon products. Formaldehyde.

11. TOXICOLOGICAL INFORMATION: Irritating to eyes, skin and mucous membranes. Prolonged or repeated contact may cause dermatitis. Avoid breathing vapors, especially when heated above 150°C.

12. ECOLOGICAL INFORMATION: Unlikely to become a significant atmospheric contaminant. Do not allow to enter drains.

13. DISPOSAL CONSIDERATIONS:

Dispose of product and packaging in accordance with local, regional and national regulations.

14. SHIPPING:

DOT	Not restricted.
IATA	Not restricted.
IMDG	Not restricted.

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15. REGULATORY INFORMATION:

TSCA Status: All ingredients in this product are listed, or are exempt, for the TSCA Inventory list.

California Proposition 65: No California Proposition 65 chemicals are known to be present, or are intentionally added in the manufacture of this product.

Other: Traces of formaldehyde may form if heated in air above 300°F (149°C).

16. OTHER INFORMATION:

Abbreviations used in this document:

NA = not applicable

NE = not established

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Prepared by: Mary Robles, Regulatory Affairs Manager

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