

MATERIAL SAFETY DATA SHEET

UZ Engineered Products 3325 St. Clair Avenue, Cleveland, Ohio 44114 800-458-4018
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GASKET ETC. (Aerosols and Cartridges)** 24 Hour Emergency CHEMTREC Number: 800-424-9300
 Product Description: Sealant and caulking compound. MSDS Number: 103127

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Weight	ACGIH	OSHA
For Black, Blue, Clear, Gray				
Amorphous Silica	7631-86-9	< 15%	10 mg/m3	6 mg/m3
Methyl tri(ethylmethylketoxime) Silane	22984-54-9	< 10%	NE	NE
Aminoethylaminopropyl Trimethoxysilane	1760-24-3	< 5.0%	NE	NE
Dimethoxymethylsilane (ethylmethylketoxime)	83817-72-5	< 5.0%	200 ppm	200 ppm
For High Temp Red				
Amorphous Silica	7631-86-9	< 15%	10 mg/m3	6 mg/m3
Methyl tri(ethylmethylketoxime) Silane	22984-54-9	< 5.0%	NE	NE
Dimethoxymethylsilane (ethylmethylketoxime)	83817-72-5	< 2.0%	200 ppm	200 ppm
For White				
Amorphous Silica	7631-86-9	< 7.0%	10 mg/m3	6 mg/m3
Methyl tri(ethylmethylketoxime) Silane	22984-54-9	< 5.0%	NE	NE
Calcium Carbonate	1317-65-3	< 55% 1	0 mg/m3	15 mg/m3
For School Bus Yellow				
Cadmium Sulfide	1306-23-6		0.50 mg/m3	0.05 mg/m3
Chromic Oxide	1308-38-9		0.50 mg/m3	0.50 mg/m3
Black Iron Oxide	1317-61-9 5		mg/m3	10 mg/m3
Methyltriacetoxysilane	4253-34-3		10 ppm	10 ppm
Aluminum	7429-90-5		10 mg/m3	10 mg/m3
Amorphous Silica	7631-86-9		10 mg/m3	6 mg/m3
Barium Sulfate	7727-43-7		10 mg/m3	15 mg/m3
Titanium Dioxide	13463-67-7		10 mg/m3	15 mg/m3
Etyltriacetoxysilane	17689-77-9		10 ppm	10 ppm
Yellow Iron Oxide	51274-00-1		5 mg/m3	10 mg/m3

3. HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW***** Causes eye and skin irritation. **POTENTIAL HEALTH EFFECTS** Eye Contact: Contact with uncured sealant causes eye irritation. Skin Contact: Contact with uncured sealant causes skin irritation. Inhalation: May cause irritation of the respiratory tract. Ingestion: May be harmful if swallowed. May cause gastrointestinal disturbances.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult at physician. Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and launder before reuse. If irritation persists, consult at physician. Inhalation: Remove to fresh air. Restore breathing if necessary. If irritation persists, consult a physician. Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention

5. FIRE FIGHTING MEASURES

Flash Point(Method): NA Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA Flammable Properties: None expected. Extinguishing Media: Carbon Dioxide, foam, water fog, dry chemical. Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Caution: may represent slip hazard. Ventilate area. Use absorbent compound to soak up material and transfer to a proper container. Dispose of according to all Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

Use with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes. Wash hands after using. Keep containers closed when not in use. Store in a well-ventilated, cool, dry area away from water or moisture. Store below 90°F (32°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits. Personal Protective Equipment: Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved organic vapor/particulate respirator. Eye: Wear approved safety glasses or goggles with unperforated sideshields. Skin: Wear chemically-impervious gloves. Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colored. Odor: Slight Physical State: Paste. Specific Gravity @ 25°C: 1.02 – 1.04 Evaporation Rate: NA Solubility in Water: NA Vapor Pressure: NA Melting Point: NA

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous Polymerization: Will not occur. Conditions to Avoid: Avoid water, moisture or air until ready to use. Product cures upon exposure. Incompatibility: Oxidizing material may cause a reaction. Hazardous Decomposition Products: Carbon Dioxide, Nitrogen Oxides, Silicon Dioxide and traces of incompletely burned carbon products.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

Hazardous Ingredients	CAS Number	LD50	LC50
Amorphous Silica	7631-86-9	>22,500 mg/kg (oral rat)	>10,000 mg/l/72 hr (carp)
Methyl tri(ethylmethylketoxime) Silane	22984-54-9	NE	NE
Aminoethylaminopropyl Trimethoxysilane	1760-24-3	NE	NE
Dimethoxymethylsilane (ethylmethylketoxime)	83817-72-5	NE	NE
Calcium Carbonate	1317-65-3	6450 mg/kg (oral rat)	NE
Cadmium Sulfide	1306-23-6	7080 mg/kg (oral rat)	NE
Chromic Oxide	1308-38-9	NE	NE
Black Iron Oxide	1317-61-9	NE	NE
Methyltriacetoxysilane	4253-34-3	NE	NE
Aluminum	7429-90-5	NE	NE
Barium Sulfate	7727-43-7	NE	NE
Titanium Dioxide	13463-67-7	NE	NE
Etyltriacetoxysilane	17689-77-9	NE	NE
Yellow Iron Oxide	51274-00-1	NE	NE

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State and Local Regulations regarding pollution and waste disposal.

14. TRANSPORT INFORMATION

Cartridges: DOT Shipping Data: Not regulated. Canadian TDG: Not regulated. **Aerosols:** DOT Shipping Data: Consumer Commodity, ORM-D Canadian TDG: Shipped in accordance with 49 CFR as part of a transborder shipment authorized under Section 5.2 (1) of the Canadian Transportation of Dangerous Goods. For International Shipments by Air: Aerosols, Flammable, 2.1, UN1950. For International Shipments by Vessel: Aerosols, Flammable, 2.1, UN1950, Limited Quantity

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory. CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL. Proposition 65: This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. VOC: This product as regulated by California and other states, is classified as a "Sealant and Caulking Compound" with a maximum VOC content of 4%. SARA 313: This product contains no toxic chemicals that are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372.65C). HMIS Classification: Health = 2 Flammability = 1 Reactivity = 0 Personal Protection = B WHMIS Classification: **Cartridges:** Class D, Division 2B **Aerosols:** Class A; Class D, Division 2B

16. OTHER INFORMATION

NA = Not Available or Not Applicable NE = Not Established **Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.**

HEALTH AND SAFETY INFORMATION: (216) 861-6363 Prepared On: March 2012 Replaces: February 2009 Completed By: Regulatory Affairs