GLAZE HARDWARE
10722 NW 53rd St
Sunrise, FL 33351
Phone: (813) 922-2309
Email: info@glazehardware.com

SAFETY DATA SHEET (SDS)

1 IDENTIFICATION

1.1 ·**Product Identifier**

·**Trade Name:** Glaze Hardware Silicone Sealant

·**Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.

1.2 ·**Product Description:** Silicone Sealant

·**Details of the Supplier of the Safety Data Sheet:**

·**Manufacturer/Supplier:**

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10722 NW 53rd St
Sunrise, FL 33351
Phone: (813) 922-2309
Email: info@glazehardware.com

Emergency Telephone Number: CHEMTREC 1-800-424-9300 (US and Canada)
INTERNATIONAL 1-703-527-3887

2 HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200 (OSHA HAZCOM2012)

Not a hazardous substance or mixture.

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a PRECAUTIONARY STATEMENTS

i. PREVENTION	Use only outdoors or in a well-ventilated area.

2.3 ADDITIONAL INFORMATION

2.3a Other hazards

No data available

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Chemical Nature: Silicone elastomer

This product is a mixture.

Chemical Name	CAS Number	Weight %
Aluminium	7429-90-5	<= 1.575 %

4 FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
General Advice:	If potential for exposure exists refer to Section 8 for specific personal protective equipment.
Inhalation:	Move person to fresh air; if effects occur, consult a physician.
Skin Contact:	Wash off with plenty of water.
Eye Contact:	Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
Ingestion:	No emergency medical treatment necessary.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to Physicians: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5 FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

5.2a. Suitable Extinguishing Media:
Water spray. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.

5.2b. Unsuitable Extinguishing Media:
None known.

5.2 SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

5.3a. Hazardous combustion products:
Carbon oxides. Silicon oxides. Metal oxides.

5.3b. Unusual Fire and Explosion Hazards:

Exposure to combustion products may be a hazard to health.

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

5.4a Fire Fighting Procedures:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

5.4b Special protective equipment for fire fighters:

Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

6 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Follow safe handling advice and personal protective equipment recommendations.

6.2 ENVIRONMENTAL PRECAUTIONS:

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Wipe up or scrape up and contain for salvage or disposal. Local or national 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 regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. See sections: 7, 8, 11, 12, and 13.

7 HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling:	Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation. See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep in properly labeled containers. Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents. Unsuitable materials for containers: None known.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Exposure Guidelines:

Occupational Exposure Limits			
Component	**Regulation**	**Type of Listing**	**Value**
Aluminium	NIOSH REL	TWA Respirable	5 mg/m3
	NIOSH REL	TWA TOTAL	10 mg/m3
	OSHA Z-1	TWA Total Dust	15mg/m3 , Aluminium
	OSHA Z-1	TWA Respirable Fraction	5 mg/m3 , Aluminium
	OSHA P0	TWA Total Dust	15mg/m3 , Aluminium
	OSHA P0	TWA Respirable Dust Fraction	5 mg/m3 , Aluminium
	NIOSH REL	TWA Welding Fumes	5 mg/m3 , Aluminium
	NIOSH REL	TWA Pyro Powders	5 mg/m3 , Aluminium
	ACGIH	TWA Respirable Fraction	1 mg/m3 , Aluminium
	Further information: LRT irr: Lower Respiratory Tract irritation; pneumoconiosis: Pneumoconiosis; neurotoxicity: Neurotoxicity; A4: Not classifiable as a human carcinogen; varies: varies		

Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.

8.2 EXPOSURE CONTROLS

Engineering Controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be

sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

i. **Eye/Face Protection:** Use safety glasses (with side shields).

ii. **Skin Protection:**

1. **Hand Protection:**

Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

2. **Body Protection:** Wear clean, body-covering clothing.

iii. **Respiratory Protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respirator irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Paste (Various Colors in Accordance with Product Description)
Odor:	Acetic acid
Odor Threshold:	No Data Available
pH:	Not Applicable
Melting point/Freezing point:	No Data Available
Initial boiling point and boiling range (760 mmHg):	Not Applicable
Flash point:	Closed Cup >100°C (212°F)
Evaporation rate (Butyl Acetate=1):	Not Applicable
Flammability (Solid, Gas):	Not Classified as a Flammability Hazard
Upper Flammability/Explosive Limit:	No Data Available
Lower Flammability/Explosive Limit:	No Data Available
Vapor Pressure	Not Applicable
Relative Vapor Density (Air = 1):	No Data Available
Relative Density (Water = 1):	1.007
Solubility in Water:	No Data Available
Partition coefficient: n-octanol/water:	No Data Available
Auto-ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available

Dynamic Viscosity:	Not Applicable
Kinematic Viscosity	Not Applicable
Explosive Properties	Not explosive
Oxidizing Properties	The substance or mixture is not classified as oxidizing.
Molecular Weight	No Data Available
Particle Size	No Data Available
VOC	< 23 g/L, less water and exempt solvents

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10 STABILITY AND REACTIVITY

10.1. REACTIVITY
Not classified as a reactivity hazard.

10.2. CHEMICAL STABILITY
Stable under normal storage conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTION
Can react with strong oxidizing agents. When heated to temperatures above 150°C (300°F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required.

10.4. CONDITIONS TO AVOID
None known.

10.5. INCOMPATIBLE MATERIALS
Oxidizing agents.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS
Decomposition products can include and are not limited to: Formaldehyde. Hydrogen.

11 TOXICOLOGICAL INFORMATION

11.1. Toxicological information appears in this section when such data is available.

Acute Toxicity

Acute Oral Toxicity

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s):
LD50, > 5000mg/kg Estimated.

Acute Dermal Toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):
LD50, > 2,000 mg/kg Estimated.

Acute Inhalation Toxicity

Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation.

As product: The LC50 has not been determined.

11.2. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

SHORT-TERM	
Skin Corrosion/Irritation:	Prolonged exposure not likely to cause significant skin irritation.
Serious Eye Damage/Irritation:	May cause slight temporary eye irritation. Corneal injury is unlikely. May cause mild eye discomfort.
Sensitization	For skin sensitization: Contains component(s) which did not cause allergic skin sensitization in guinea pigs.
Respiratory Sensitization:	No relevant data found.
STOT-Single Exposure:	Evaluation of available data suggests that this material is not an STOT-SE toxicant.
Aspiration Hazard:	Based on physical properties, not likely to be an aspiration hazard.
LONG-TERM	
Carcinogenicity:	For this family of materials: Did not cause cancer in long-term animal studies which used routes of exposure considered relevant to industrial handling. Positive results have been reported in other studies using routes of exposure not relevant to industrial handling. Contains an additional component(s) that is/are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.
Teratogenicity	For this family of materials: Did not cause birth defects or any other fetal effects in laboratory animals.
Mutagenicity:	For this family of materials: Contains component(s) which were negative in some in vitro genetic toxicity studies and positive in others. Contains component(s) which were negative in animal genetic toxicity studies.
Reproductive Toxicity:	Contains component(s) which did not interfere with reproduction in animal studies.
STOT-Repeated Exposure:	Contains a component(s) that is/are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

11.3 COMPONENTS INFLUENCING TOXICOLOGY:

Aluminium
Acute Inhalation Toxicity
LC50, Rat, 4 Hour, dust/mist, >0.888 mg/l OECD Test Guideline 403 No Deaths occurred at this concentration.

12 ECOLOGICAL INFORMATION

12.1. ECOTOXICITY
Ecotoxicological information appears in this section when such data is available.

Toxicity
Aluminium
Acute toxicity to fish.
NOEC, Salmo trutta (brown trout), 96 Hour, > 80 µg/l, OECD Test Guideline 203

Acute Toxicity to Aquatic Invertebrates
NOEC, Daphnia magna (Water flea), 48 Hour, > 0.135 mg/l, OECD Test Guideline 202

12.2. PERSISTENCE AND DEGRADABILITY
No data available.

12.3. BIOACCUMULATIVE POTENTIAL
No data available.

12.4. MOBILITY IN SOIL
No data available.

13 DISPOSAL CONSIDERATIONS

13.1. DISPOSAL METHODS
DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCOMTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section 10 Regulatory Information, MSDS Section 15.

13.2. TREATMENT & DISPOSAL METHODS OF USED PACKAGING:
Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

14 TRANSPORT INFORMATION

DOT (U.S.)	TDG (CANADA)	IATA
UN NUMBER: Not Regulated	**UN NUMBER:** Not Regulated	**UN NUMBER:** Not Regulated
UN PROPER SHIPPING NAME: Not Regulated	**UN PROPER SHIPPING NAME:** Not Regulated	**UN PROPER SHIPPING NAME:** Not Regulated
TRANSPORT HAZARD CLASS (ES): Not Regulated	**TRANSPORT HAZARD CLASS (ES):** Not Regulated	**TRANSPORT HAZARD CLASS (ES):** Not Regulated
PACKING GROUP (if applicable): Not Regulated	**PACKING GROUP (if applicable):** Not Regulated	**PACKING GROUP (if applicable):** Not Regulated

SUMMARY: Product is NOT regulated under DOT/TDG and other transportation regulations.

14.1. CLASSIFICATIONS FOR SEA TRANSPORT (IMO-IMDG):
Not regulated for transport.

14.2. TRANSPORT IN BULK ACCORDING TO ANNEX I OR ANNEX II OF MARPOL 73/78 AND THE IBC OR IGC CODE
Consult IMO regulations before transporting ocean bulk.

14.3. CLASSIFICATION FOR AIR TRANSPORT (IATA/ICAO):
Not regulated for transport.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15 REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

US: SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and

Community Right-to-Know Act of 1986) Sections 311 and 312

No SARA Hazards

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 313

The following component(s) are subject to reporting levels established by SARA Title III, Section 313.

15.2. US FEDERAL INFORMATION:

	SARA TITLE III			
CHEMICAL NAME	**SECTION 302 (EHS) TPQ (LBS)**	**SECTION 304 EHS RQ (LBS)**	**CERCLA RQ (LBS)**	**SECTION 313 (TRI)**
Aluminium, CASRN #: 7429-90-5	Not Listed	Not Listed	Calculated RQ exceeds reasonably attainable upper limit.	Not Listed
Acetic Acid, CASRN #: 64-19-7	Not Listed	Not Listed	5000 lbs RQ	Not Listed
Acetic Anhydride, CASRN #: 108-24-7	Not Listed	Not Listed	5000 lbs RQ	Not Listed

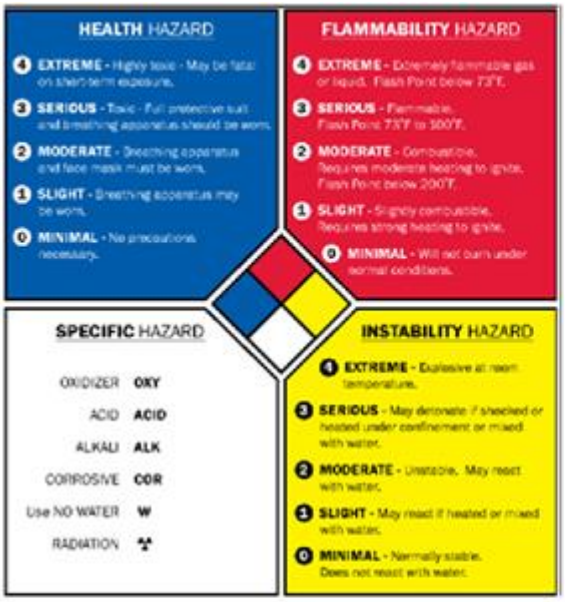
15.3. US STATE RIGHT TO KNOW LAWS:

California Proposition 65:	⚠ **WARNING:** This product contains a chemical that is at or below California Propositions 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label. For more information go to **www.P65Warnings.ca.gov**
Other U.S. States "Right to Know" Lists:	Polydimethylsiloxane hydroxyl-terminated: **CASRN#: 70131-67-8** Silicon dioxide: **CASRN#:7631-86-9** Siloxanes and silicones, dimethyl: **CASRN# 63148-62-9** Aluminium: **CASRN#: 7429-90-5**

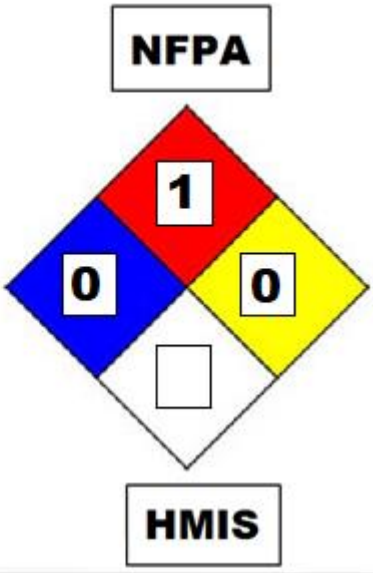
15.4. GLOBAL INVENTORIES

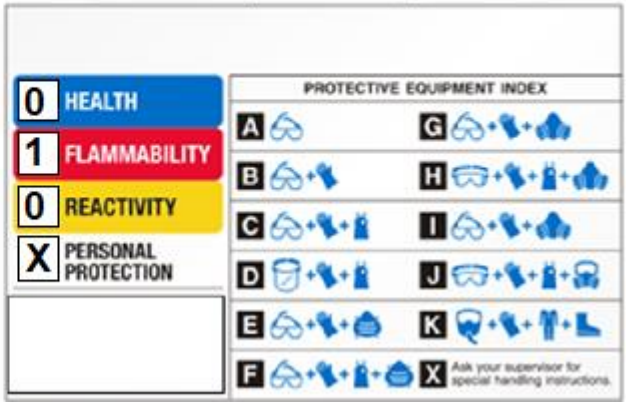
All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

15.5. NFPA AND HMIS RATINGS:



Hazard Index	
4	Severe Hazard
3	Serious Hazard
2	Moderate Hazard
1	Slight Hazard





15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen • A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer • 1 – The agent (mixture) is carcinogenic to humans • 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

	• 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
NTP (N)	National Toxicology Program • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens

16 OTHER INFORMATION

Date of Preparation: January 4, 2024

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Disclaimer: The information and recommendations provided are based on data considered accurate. However, we make no guarantees or warranties, either express or implied, regarding the accuracy of this information. We assume no responsibility and disclaim all liability for any adverse effects that may result from exposure to silica in our products.

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