This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List)	**Date Prepared:**
A1074 C&G Aluminum	01-06-2016
Company Information:	**Emergency Telephone Number:**
OMEGA INDUSTRIAL SUPPLY, INC	1-800-424-9300
Address (Number, Street, Suite/Apt#)	**Telephone Number for Information:**
101 Grobric Ct #1	1-800-571-7347
(City, State, and Zip Code)	**Signature of Prepare (Optional)**
Fairfield, CA 94534	REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

GHS Classification (Hazcom 2012) **Signal Word:** WARNING

Label Elements

Hazard Phrases: Contains gas under pressure; may explode if heated.

Precautionary Phrases Wash thoroughly after handling. Wear protective gloves, eye and face protection. Use in well-ventilated area. Take off contaminated clothing and wash before reuse. Keep away from heat, sparks, open flames or hot surfaces. Pressurized container, do not pierce or burn, even after use.

Response **If on Skin:** Wash with soap and water. If skin irritation or rash occurs: Get medical attention. **If on Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical advice/attention. **If Swallowed:** Rinse mouth. DO NOT induce vomiting. Get medical advice/attention if you feel unwell. **If Inhaled:** If experiencing respiratory symptoms: Remove to fresh air.

Storage: Do not expose to temperatures exceeding 50°C, 122°F. Keep away from children

Other Hazards: During the curing process acetic acid vapors will be generated which can irritate the respiratory tract. Use with adequate ventilation.

Section 3 ~ Composition/Information on Ingredients

Ingredient	CAS No.	%(Wt.)
Methyltriacetoxysilane	4253-34-3	1 – 5%
Ethyltriacetoxysilane	17689-77-9	1 – 5%
Silcon Dioxide	7631-86-9	10 – 30%
Non-hazardous Polymer	70131-67-8	60 – 80%
Acetic Acid	64-19-7	1 – 5%
Nitrogen *	7727-37-9	4 – 10%
Aluminum	7429-90-5	1 – 5%

**Nitrogen does not escape when product is discharged.*

Acetic Acid vapors are formed during the curing process. These fumes may be irritating to the respiratory tract.

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

Section 4 ~ First Aid Measures

Eyes: Rinse opened eye for several minutes under running water. If symptoms persist, get medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water.

Inhalation: Supply fresh air; consult doctor in case of complaints.

Ingestion: Rinse mouth with water. Do not induce vomiting.

Most Important Symptoms/Effects, Acute And Delayed: Respiratory tract irritation, eye irritation.

Section 5 ~ Fire Fighting Measures

Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical. Dry chemical is preferred.

Special Hazards Arising from the Product: Exposure to combustion products may be a health hazard.

Special Equipment and Precautions for Firefighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Use appropriate personal equipment. If fumes are present, wear NIOSH approved respirator. Wear protective gloves. Wipe up or scrape up and contain for disposal. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Environmental Hazards: Spilled material, even in small quantities, may present a slip hazard. Scrape up as much material as possible. Spilled materials will solidify over time. Dispose of in accordance with appropriate Local, State and Federal guidelines.

Methods and Material for Containment and Clean up: Use absorbent materials, scrape up excess material for proper disposal.

Section 7 ~ Handling and Storage

Precautions For Safe Handling: Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Do not take internally. Do not handle contact lenses until all materials are removed from hands.

Conditions for Safe Storage, Including Any Incompatibilities: Use reasonable care and store away from oxidizing materials. Store away from heat, sparks or open flames. Store at temperatures below 90°F. keep container closed when not in use.

Section 8 ~ Exposure Controls/Personal Protection

Hazardous Components	ACGIH TLV	OSHA PEL	OTHER
Methyltriacetoxysilane	Not Established	Not Established	
Ethyltriacetoxysilane	Not Established	Not Established	
Silcon Dioxide	6mg/m3 TWA	20 MPPCF TWA, 0.8 mg/m3 TWA	
Acetic Acid	15 ppm STEL	10 ppm	
	10 ppm TWA	25 mg/m3 PEL	

Engineering Controls: Use with adequate ventilation, especially in confined spaces. Use local ventilation in air movement is not adequate to maintain air quality below established exposure limits.

Individual Protection Measures

Respiratory Protection: Normally not required unless quantities of this product are being used or if working in confined spaces. Acetic acid vapors (vinegar like odor) can irritate eyes, skin or respiratory tract. If need use a NIOSH approved organic vapor respirator.

Eye/Face Protection: Safety glasses with side splash shields are recommended.

Skin Protection: If prolonged or repeated exposure is expected, wear chemical resistant gloves such as vinyl or neoprene.

Section 9 ~ Physical Chemical Properties

Boiling Point	No Data	**Specific Gravity**	1.04
Octanol/Water Partition Coefficient:	Not Available	**Melting/Freezing Point**	Not Available
Vapor Density (air = 1)	Not Available	**Evaporation Rate (Butyl Acetate = 1)**	Not Available
Solubility in Water	Not Soluble	**pH**	No Data
Vapor Pressure	Not Established	**Viscosity**	Not Available
Oxidizing Properties	Not Oxidizing	**Explosion Properties**	None
Flammability (solid, gas)	Not Available	**Decomposition Temperature**	Not Available
Appearance and Odor:	Silver viscous sealant, Mild vinegar odor.	**VOC%**	< 3%

Flash Point: Not Flammable	**Auto - Ignition Temperature:** Not Available	**Lower Flammability Level:** Not Available	**Upper Flammability Level:** Not Available

Section 10 ~ Stability and Reactivity

Reactivity: No Data
Chemical Stability: Stable under normal storage and handling.
Conditions to Avoid: Application to hot surfaces.
Incompatibility Materials: Strong Oxidizing agents and acids.
Hazardous Decomposition or Byproducts: Acetic acid fumes are slowly generated in the curing process. Silica mist, acrid smoke and fumes in extreme temperatures or fire, which may include Formaldehyde.

Section 11 ~ Toxicological Information

Potential Health Effects
Eye: May cause serious eye irritation if large quantities are being used. The acetic acid vapors liberated during the curing process can irritate eyes.
Skin: May cause skin irritation if this material is allowed to remain on skin for prolonged periods.
Inhalation: Acetic acid (vinegar like odor) may irritate nose, throat, respiratory tract. When heated to temperatures exceeding 300°F (150°C) in the presence of air, cured silicones may for formaldehyde vapors. Formaldehyde is a potential carcinogen and is a known skin and respiratory tract irritant.
Ingestion: Not expected to be harmful by ingestion.
Carcinogen Status: No
Acute toxicity Values:
Silicon Dioxide, as dust or fume, Oral, Rat, LD50 >22,000 mg/kg
Acetic Acid, Oral, Rat, LD50 3.50 g/kg, Dermal, Rabbit, LD50, 1060 mg/kg, Inhalation, Rat, LC50 (4 hr) 11.4 mg/L
Aluminum: Oral, Rat, LD50 > 15900 mg/kg, Inhalation, Rat, LC50 > 0.888 mg/L

Section 12 ~ Ecological Information

Not Available.

Section 13 ~ Disposal Considerations

RCRA: This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form. Dispose of according to all local, state, and national regulations.
Waste Disposal: Dispose of in accordance with local, state, and federal regulations. Do not discharge in sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Aerosols	Proper Shipping Name:	Aerosols	Proper Shipping Name:	Aerosols, Non-flammable
Hazard Class:	2.2	Hazard Class:	2.2	Hazard Class:	2.2
UN Number:	UN 1950	UN Number:	UN 1950	UN Number:	UN 1950
Packing Group:	None	Packing Group:	None	Packing Group:	None

Section 15 ~ Regulatory Information

Safety, Health, And Environmental Regulations Specific For The Product In Question.
CERLA Hazardous Substances (Section 103)/RQ: This product is not subject to reporting requirements under CERLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.
SARA Hazard Category (311/312): Not Hazardous.
SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None
EPA TSA Inventory: All of the components of this product are listed on the TSCA inventory.
CALIFORNIA PROPOSITION 65: This product is not known to contain listed chemicals.

Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	A	1= Slight
			0= Minimal