

AXIOM 25 LTD.

Quality Performance Products

SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, and the Global Harmonization Standard

IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

IDENTIFICATION OF THE MIXTURE

TRADE/MATERIAL NAME: **Axiom 25™**

CHEMICAL NAMES: Silicone Mixture

SYNONYMS: None

RELEVANT USE of the SUBSTANCE: Sealant

USES ADVISED AGAINST: Other than Relevant Use

SUPPLIER/MANUFACTURER'S NAME (USA/Canada):

- **Big Dog Adhesives LLC.**
- **435 Harrison Street**
- **Elkhart, IN 46516**
- **sales@bigdogadhesives.com**
- **574-350-2237**
- **Toll-free: 833-BIG-DOGG (833-244-3644)**
- **Fax: 833-BIG-DOGZ (833-244-3649)**
- **www.bigdogadhesives.com**
- **lou@bigdogadhesives.com**
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NOTE: ALL United States Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, Canadian WHMIS [Controlled Products Regulations], Mexican NOM018-STPS 2000, SPRING Singapore, and Japanese JIS Z7250 required information is included in appropriate sections based on the U.S. ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the countries listed above.

HAZARD IDENTIFICATION

GLOBAL HARMONIZATION Labeling and Classification: This product has been classified per UN GHS Standards under U.S. OSHA and other applicable regulations that require Global Harmonization compliance.

Classification: Skin Irritation Cat. 2, Eye Irritation Cat. 2A

Signal Word: Warning

Hazard Statement Codes: H315, H319

Precautionary Statement Codes: P264, P280, P302 + P352, P332 + P313, P362 + P364, P305 + P351 + P338, P337 + P313, P321

Hazard Symbols: G

EMERGENCY OVERVIEW: Product Description: This product is a white, viscous paste with a characteristic odor of acetic acid. **Health Hazards:** May be harmful if accidentally ingested. Inhalation of vapors or fume if product is heated may cause headache, nausea and respiratory irritation. Eye contact with vapors or fume may also cause irritation. Brief skin contact is not expected to cause adverse effect. Prolonged skin contact may cause irritation. **Flammability Hazards:** This product may be combustible if exposed to direct flame or if highly heated for a prolonged period. If involved in a fire, this product will release smoke, acrid vapors and toxic gases (e.g., carbon, silicon oxides, silicon, acetic acid, acetaldehyde, polymethylsiloxanes, acetic anhydride, ethyl acetate, low molecular weight hydrocarbons and ethane). Large fires produce heavy clouds of white smoke due to silicon dioxide. **Reactivity Hazards:** May react with water or humid air to form combustible and corrosive chemicals such as acetic acid and hydrogen gas. **Environmental Hazards:** This product has not been tested for potential hazards if released to the environment. All release should be avoided. **Emergency Considerations:** Emergency responders should wear appropriate protection for the situation to which they respond.

COMPOSITION and INFORMATION ON INGREDIENTS

			LABEL ELEMENTS
			GHS Classification
Chemical Name	CAS #	W/W%	Hazard Statements SELF CLASSIFICATION
			<u>Classification:</u> Skin Irritation Cat. 2, Eye Irritation Cat. 2A
Ethyltriacetoxysilane	17689-77-9	1.0-5.0	<u>Hazard Statement Codes:</u> H315, H319
Methyltriacetoxysilane	4253-34-3	1.0-5.0	SELF CLASSIFICATION

Classification: Acute Oral Toxicity Cat. 4,
Skin Irritation Cat. 2, Eye Irritation Cat. 2A

Hazard Statement Codes: H302, H315, H319

Other unknown components.

Balance Classification: Not Determined

See Section 16 for full text of Ingredient Hazard and Precautionary Statements

FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES: Contaminated individuals must be taken for medical attention if any adverse effects occur. Remove contaminated clothing and shoes. Take a copy of this SDS to health professional with victim. Wash clothing and thoroughly clean shoes before reuse. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Take a copy of label and SDS to physician or health professional with the contaminated individual.

Skin Exposure: If adverse skin effects occur, discontinue use and flush contaminated area. Seek medical attention if adverse effect occurs after flushing.

Inhalation: If adverse effects occurs in the event aerosols are inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if adverse effect continues after removal to fresh air.

Eye Exposure: If this product contaminates the eyes, rinse eyes under gently running water. Use sufficient force to open eyelids and then "roll" eyes while flushing. Minimum flushing is for 20 minutes. The contaminated individual must seek medical attention if any adverse effect continues after rinsing.

Ingestion: If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, DO NOT INDUCE VOMITING. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow. If victim is convulsing, maintain an open airway and obtain immediate medical attention.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin disorders may be aggravated by overexposures to this product.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED: Treat symptoms and eliminate exposure.

FIRE-FIGHTING MEASURES

FLASH POINT (closed cup): > 100°C (> 212°F)

AUTOIGNITION TEMPERATURE: Not available.

FLAMMABLE LIMITS (in air by volume, %): Not applicable.

FIRE EXTINGUISHING MEDIA: For small fires, use carbon dioxide, dry chemical powder, water spray, or foam. For large fires, use fine water spray to direct vapors, fog, or foam. Consideration must be made to use extinguishing materials suitable for surrounding materials.

UNSUITABLE FIRE EXTINGUISHING MEDIA: Water should be used with care due to potential formation of extremely flammable hydrogen gas and flammable and corrosive acetic acid.

Flammability: 1 Health: 1 Instability: 0

Hazard Scale: 0 = Minimal 1 = Slight

2 = Moderate 3 = Serious 4 = Severe

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product may be combustible if exposed to direct flame or if highly heated for a prolonged period. Large fires produce heavy clouds of white smoke due to silicon dioxide. When involved in a fire, this material may decompose and produce irritating vapors and toxic gases (e.g., carbon, silicon oxides, silicon, acetic acid, acetaldehyde, polymethylsiloxanes, acetic anhydride, ethyl acetate, low molecular weight hydrocarbons and ethane).

Explosion Sensitivity to Mechanical Impact: Not sensitive.

Explosion Sensitivity to Static Discharge: Not sensitive.

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Chemical resistant clothing may be necessary. Move containers from fire area if it can be done without risk to personnel. Water spray can be used to cool fire-exposed containers. Water fog or spray can also be used by trained firefighters to disperse this product's vapors and to protect personnel. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS AND EMERGENCY PROCEDURES: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. Call CHEMTREC (1-800-424-9300) for emergency assistance. Or if in Canada, call CANUTEC (613-996-6666). The atmosphere must at least 19.5 percent Oxygen before non-emergency personnel can be allowed in the area without Self-Contained Breathing Apparatus and fire protection.

PERSONAL PROTECTIVE EQUIPMENT: Proper protective equipment should be used. Use only non-sparking tools and equipment.

Small Spills: Wear rubber gloves, splash goggles, and appropriate body protection.

Large Spills: Minimum Personal Protective Equipment should be rubber gloves, rubber boots, face shield, and Tyvek suit. Minimum level of personal protective equipment for releases in which the level of oxygen is less than 19.5% or is unknown must be **Level B: triple-gloves (rubber gloves and nitrile gloves over latex gloves), boots, Tyvek or similar protective clothing,**