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Safety Data Sheet SILETO MAIA ADDITIVE PACKAGE

Section 1. Identification	
Product Name	Sileto Maia Additive Package
Product Category	Interfacial Modifier & Crosslinking Enhancer
Recommended Use	Additive for unsaturated polyester resin (UPR) polymer concrete systems.
Manufacturer/Supplier	Sileto Technologies 16495 NW 49th Ave, Hialeah, FL 33014 Website: sileto.com

Section 2. Hazards Identification	
GHS Classification	FLAMMABLE LIQUIDS: Category 4 SKIN CORROSION/IRRITATION: Category 1B SERIOUS EYE DAMAGE/EYE IRRITATION: Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)- RESPIRATORY TRACT: Category 3
Signal Word	DANGER
Hazard Statements	Combustible liquid. Causes severe skin burns and eye damage. May cause respiratory irritation.
Precautionary Statements	Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not breathe mist, vapors, or spray. Wear protective gloves, protective clothing, eye protection, and face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.



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	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Hazard pictograms:	

Section 3. Composition/Information on Ingredients

Chemical Name / Family	CAS Number	Weight %
Functionalized Organosilane	*Trade Secret*	*Proprietary*
Unsaturated Aliphatic Acid	*Trade Secret*	*Proprietary*

(Note: The specific chemical identity and exact percentage of composition has been withheld as a trade secret.)

Section 4. First-Aid Measures

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.
Skin Contact	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek immediate medical attention.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek immediate medical attention.



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Section 5. Fire-Fighting Measures	
Suitable Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide (CO_2).
Specific Hazards	Combustible liquid. Vapors may form explosive mixtures with air. Vapors are heavier than air and may travel along the ground to an ignition source.
Special Protective Equipment	Wear self-contained breathing apparatus (SCBA) and full protective gear.

Section 6. Accidental Release Measures	
Personal Precautions	Evacuate personnel to safe areas. Ensure adequate ventilation. Remove all sources of ignition. Wear appropriate PPE (see Section 8).
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains, waterways, or soil.

Section 7: Handling and Storage	
Handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition. Take measures to prevent the buildup of electrostatic charge.
Storage	Keep the container tightly closed in a dry, cool, and well-ventilated place. Recommended storage temperature: 10°C to 25°C. Protect from moisture, as the product is sensitive to moisture.

Section 8: Exposure Controls / Personal Protection	
Engineering Controls	Use local exhaust ventilation



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Personal Protective Equipment (PPE) 	**Eye/Face:** Tightly fitting safety goggles and face shield.
	Skin: Chemical-resistant, impervious gloves (e.g., nitrile or butyl rubber). Complete suit protecting against chemicals.
	Respiratory: Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination cartridges.
Hygiene Measures 	Wash hands after handling; do not eat, drink, or smoke in work areas

Section 9: Physical and Chemical Properties

Appearance	Clear, colorless to pale-yellow liquid
Odor	Pungent, sharp acrylic odor
Specific Gravity (@ 20°C)	0.95 – 1.02
Boiling Point	> 160°C
Flash Point (Closed Cup)	~ 65°C
Solubility in Water	Reacts with water / hydrolyzes

Section 10: Stability and Reactivity

Reactivity	Reactive with water and moisture.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Hazardous polymerization may occur if exposed to excessive heat, free radical initiators, or peroxides.
Conditions to Avoid	Heat, sparks, flames, and moisture.
Incompatible Materials	Strong oxidizing agents, strong bases, strong acids, amines, and water.
Hazardous Decomposition Products	Carbon oxides, silicon oxides, and irritating organic vapors.



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Section 11: Toxicological Information	
Acute Toxicity	May be harmful if swallowed or absorbed through the skin.
Skin Corrosion/Irritation	Causes severe skin burns.
Serious Eye Damage/Irritation	Causes serious eye damage; risk of blindness.
Respiratory or Skin Sensitization	May cause respiratory tract irritation.

Section 12: Ecological Information	
Ecotoxicity	Avoid release into the environment. The proprietary monomer is known to be harmful to aquatic life.
Persistence & Degradability	The silane component reacts with water; subsequent degradation products are generally biodegradable.
Bioaccumulative Potential	No data is available.

Section 13: Disposal Considerations	
Waste Disposal Method	Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Do not dispose of untreated material into sewers or waterways.
Contaminated Packaging	Dispose of as unused product. Empty containers may retain product residues and combustible vapors.

Section 14: Transport Information	
UN Number	UN 3265
Proper Shipping Name	Corrosive liquid, acidic, organic, n.o.s. (Contains Unsaturated Aliphatic Acid Mixture)



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Transport Hazard Class(es)	
Packing Group	II
Environmental Hazards	Not classified as a Marine Pollutant.

Section 15: Regulatory Information

TSCA	All components are listed on or exempt from the TSCA Inventory.
SARA 302/304	No chemicals in this material are subject to the reporting requirements.
SARA 311/312 Hazards	Fire Hazard, Acute Health Hazard.

Section 16: Other Information

Preparation Date	July 7, 2026
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release.