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SAFETY DATA SHEET

Section 1. Identification

Product Name: Tris(dimethylamino)silane
Product Type: Liquid
CAS Number: 15112-89-7
Product Number: SI2897
Recommended Use: Laboratory chemicals, synthesis of substances.
Product Manufacturer: Ereztech LLC
11555 Medlock Bridge Road, Suite 100
Johns Creek, GA 30097

Product Information: (888) 658-1221
In Case of an Emergency: CHEMTREC: 1-800-424-9300 (USA);
+1 703-527-3887 (International); CCN836180
*** Contact manufacturer for all non-emergency calls.

Section 2. Hazards Identification

Appearance/Odor: Colorless to light yellow liquid, acrid/amine-like odor.
Classification: FLAMMABLE LIQUIDS – Category 2, H225
SUBSTANCE AND MIXTURES, WHICH IN CONTACT WITH WATER, EMIT FLAMMABLE GASES – Category 2, H261
ACUTE TOXICITY, ORAL – Category 4, H302
ACUTE TOXICITY, DERMAL – Category 3, H311
SKIN CORROSION/IRRITATION – Category 1B, H314
SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1, H318
ACUTE TOXICITY, INHALATION – Category 3, H331
HAZARDOUS TO THE AQUATIC ENVIRONMENT, ACUTE HAZARD – Category 3, H402

GHS Label Elements
Hazard Pictograms:

Signal Word: DANGER

Section 2. Hazards Identification

Hazard Statements:

H225: Highly flammable liquid and vapor.
H261: In contact with water releases flammable gases.
H302: Harmful if swallowed.
H311 + H331: Toxic in contact with skin or if inhaled.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H402: Harmful to aquatic life.

Precautionary Statements

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P223: Do not allow contact with water.
P231 + P232: Handle and store contents under inert gas. Protect from moisture.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/handling equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharge.
P260: Do not breathe sprays, mists, vapors or gases.
P262: Do not get in eyes, on skin or on clothing.
P264 + P265: Wash hands and exposed skin thoroughly after handling. Do not touch eyes.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or with adequate ventilation.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P284: In case of inadequate ventilation wear respiratory protection.

Response:

P301 + P317: IF SWALLOWED: Get medical help.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P335 + P334: IF ON SKIN: Brush off loose particles from skin and immerse in cool water.
P302 + P361 + P354: IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P354 + P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 2. Hazards Identification

Response (cont.):
P316: Get emergency medical help immediately.
P330: Rinse mouth.
P361 + P364: Take off immediately all contaminated clothing and wash it before reuse.
P363: Wash contaminated clothing before reuse.
P370 + P378: In case of fire: Use dry chemical or carbon dioxide to extinguish. DO NOT USE WATER OR WATER-BASED FOAMS.

Storage:
P402 + P404: Store in a dry place. Store in a closed container.
P403 + P233 + P235: Store in a well ventilated place. Keep container tightly closed. Keep cool.
P405: Store locked up.

Disposal:
P501: Dispose of contents/container in accordance with federal, state and local regulations.

OSHA/HCS Status:
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200, 2024).

Hazards Not Otherwise Classified (HNOC):
Product reacts violently with water to release a highly flammable gas.

Section 3. Composition/Information on Ingredients

Substance Type: Mono-constituent.

Synonyms: [Bis(dimethylamino)silyl]dimethylamine; Tris(dimethylamido)silane; (Me2N)3SiH; N,N,N',N',N",N"-hexamethylsilanetriamine; 3DMAS.

Formula: $C_6H_{19}N_3Si$

Molecular Weight: 161.32 g/mol.

EC-No. : 239-165-0

Ingredient Name	%	CAS Number
Tris(dimethylamino)silane	≥ 99	15112-89-7

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of Necessary First Aid Measures

General Advice: Move out of dangerous area. Get immediate medical help. Show this safety data sheet to the doctor in attendance. If unconscious, place in recovery position and get medical help immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Rinse for a minimum of 15 minutes. Check for and remove any contact lenses after initial rinse period and continue rinsing for an additional 15 minutes. Keep eyes wide open during rinsing process. Get emergency medical help immediately.

Skin Contact: Remove all contaminated clothing and shoes. Wash off contaminated skin with plenty of water for a minimum of 15 minutes. Thoroughly clean and dry contaminated clothing before reuse. Destroy/discard contaminated shoes. In the event of complaints or symptoms, avoid further exposure. Get emergency medical help immediately.

Inhalation: Rescuer should wear a mask or self-contained breathing apparatus if it is suspected that fumes or gases are still present. Remove person to fresh air and keep comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If the affected individual ingested or inhaled the product, do not use the mouth-to-mouth method of resuscitation; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical devices. Get emergency medical help immediately.

Ingestion: Rinse mouth, and then give water to drink (two glasses at most). Do NOT induce vomiting. Remove dentures if any. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If person is not breathing, if breathing is irregular or if respiratory arrest occurs, see the “Inhalation” first aid measures noted above. Get emergency medical help immediately.

Most Important Symptoms/Effects, Acute and Delayed Potential Acute Health Effects

Eye Contact: Causes serious eye damage. Symptoms may include watering, redness, pain, swelling of the eyelids, inability to keep eye open, blurred vison and temporary/permanent loss of vision.

Skin Contact: Product is toxic in contact with skin and may be expected to cause severe chemical burns. Symptoms may include reddening of skin, a burning or itching sensation, pain, blistering and tissue necrosis.

Inhalation: Product is toxic if inhaled and is extremely corrosive to mucous membranes and tissues of the upper respiratory tract. Symptoms may include a burning sensation, coughing, coughing up blood (hemoptysis), wheezing, laryngitis, shortness of breath/ difficulty in breathing (dyspnea), blueness (cyanosis) of lips and skin, nausea, headaches, disorientation, general weakness and loss of consciousness and death.

Section 4. First Aid Measures

Ingestion: Product is harmful if ingested and may be expected to cause burns of the mouth and throat and potential perforation of the esophagus and stomach. Symptoms may include pain when swallowing (odynophagia), difficulty swallowing (dysphagia), fever, nausea, recurrent vomiting (emesis) and vomiting of blood (hematemesis). Severe burns which may be accompanied by perforation of the esophagus and stomach may present additional symptoms of abdominal pain/rigidity, chest and/or back pain.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician: Treat symptomatically.

Specific Treatments: No specific treatment.

Protection of First Responders: No action taken shall be taken involving any personal risk without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See Toxicological Information (Section 11)

Section 5. Fire Fighting Measures

General Hazards: Product reacts violently with water to release a highly flammable gas.

Suitable Extinguishing Media: THE MOST EFFECTIVE FIRE EXTINGUISHING AGENT IS DRY CHEMICAL POWDER PRESSURIZED WITH NITROGEN. Carbon dioxide (CO_2) may also be used. CAUTION: REIGNITION MAY OCCUR.

Unsuitable Extinguishing Media: DO NOT USE WATER OR WATER-BASED FOAMS.

Unusual Fire and Explosion Hazards: Product reacts violently with water to release a highly flammable gas which forms explosive mixtures with air at ambient temperatures. In case of fire, reignition of the product may occur after the fire has been extinguished. Product runoff to sewer may create a fire or explosion hazard. Vapors and gases released under fire conditions are heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to an ignition source and flashback.

Products of Combustion: Carbon oxides (CO_x), nitrogen oxides (NO_x) and silicon dioxide. Irritating/toxic fumes and organic acid vapors may be generated during exposure to elevated temperatures or open flame.

Protection of Firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire Fighting Measures

Protection of Firefighters (cont.):

Prevent contact with skin, eyes and clothing and the formation and inhalation of sprays, mists, aerosols, vapors and gases.

Eliminate all local and distant ignition sources. Stop leakage and move unopened containers from fire area if process can be accomplished without risk to firefighters. Do not attempt to move heated containers. Use water spray (fog) to cool exposed containers and to suppress mists, vapors and gases. Do not apply water directly to product. Do not cut, grind, drill or weld on or near product containers (even empty) of this product because an explosion may result.

Fire-fighters should wear appropriate protection equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

Additional Information:

Prevent fire extinguishing materials and runoff from contaminating surface waters or ground water systems.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel:

No action shall be taken involving any personal risk or without suitable training. Eliminate all local and distant ignition sources – NO SMOKING. Take action to prevent static discharges. Use non-sparking tools and explosion-proof equipment. Beware of vapors accumulating in low areas to form explosive concentrations. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Prevent contact with skin, eyes and clothing and the formation and inhalation of sprays, mists, vapors and gases. Provide adequate ventilation or wear respiratory protection.

For Emergency Responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For Non-Emergency Personnel".

Environmental Precautions:

Prevent spilled material and firefighting runoff from entering the surrounding environment (soil contact, entry into drains, sewers and waterways). Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 6. Accidental Release Measures

Methods for Containment

General: Spilled material will likely give off smoke and fumes. Eliminate all local and distant ignition sources. Stop leakage and move unopened containers from spill area if safe to do so. Do not attempt to move heated containers. Prevent the formation and inhalation of sprays, mists, vapors and gases. Do not allow the spilled material to get wet or use water to clean up spillages or residues. Use spark-proof tools and explosion-proof equipment. In the event of combustion: use extinguishing materials/methods noted above or cover spillage with a dry, extinguishing material (e.g. dry sand, dry chemical, graphite powder) and allow time for decomposition or for fire to burn out (see Section 5 Firefighting Measures). Collect and place inert spillage in a dry, sealed container for disposal. Dispose of collected spillage in accordance with federal, state and local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

Small Spill: Collect spillage with a dry, non-combustible, binding material (e.g. dry sand, vermiculite or diatomaceous earth) and place in dry, sealed container for disposal.

Large Spill: Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with a dry, non-combustible, binding material (e.g. dry sand, vermiculite or diatomaceous earth) and place in dry, sealed container for disposal.

Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions: Product reacts violently with water to release highly flammable and potentially toxic gases; handle under a dry, inert gas. Nitrogen with less than 5 ppm each of moisture and oxygen is recommended. Keep away from all sources of ignition – NO SMOKING. Keep container tightly sealed. Prevent contact with skin, eyes and clothing and the formation and inhalation of sprays, mists, vapors and gases. Do not ingest or inhale. Avoid prolonged exposure. Ensure adequate ventilation or wear respiratory protection.

Protective Measures: Protect against electrostatic discharges. Use spark-proof tools and explosion-proof equipment. Put on appropriate personal protective equipment (see Section 8).

Section 7. Handling and Storage

Protective Measures (cont.): Keep in the original container kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

General Occupational Hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Safe Storage Conditions: Product reacts violently with water to release highly flammable and potentially toxic gases; store under an inert gas. Nitrogen with less than 5 ppm each of moisture and oxygen and a temperature range of 2 – 8 °C is recommended. Keep away from all sources of ignition – NO SMOKING. Store in original container in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Store locked up.

Section 8. Exposure Controls/Personal Protection

Introductory Remarks: The following recommendations provide general guidance for handling this product. Because work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and conduct regular repairs. Waste from these procedures should be handled in accordance with Section 13.

Occupational Exposure Limits: Product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Engineering Controls: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Provide an eyewash/shower station.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 8. Exposure Controls/Personal Protection

Individual Protection Measures

Hygiene Measures: Avoid all unnecessary exposure. Wash all exposed skin (hands, forearms and face) thoroughly after handling chemical products, before eating, smoking, using the lavatory and at the end of the working period. Remove all soiled and contaminated clothing immediately. Do not allow contaminated clothing to leave the workplace. Prevent contact with skin, eyes and clothing and the formation and inhalation of sprays, mists, vapors and gases. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to prevent exposure to liquid splashes, mists or aerosols. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles, faceshield (8-inch minimum). Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.

Skin Protection

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Chemical-resistant gloves.

Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to prevent skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. For full contact, use Neoprene or nitrile rubber.

Other Skin Protection: When there is a risk of ignition from static electricity discharges, wear anti-static, flame retardant protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Each person who is reasonably likely to be dermally exposed should wear dermal personal protective equipment impervious to the chemical substance, selected and used in accordance with the OSHA requirements at 29 CFR 1910.132, 1910.133, and 1910.138.

Section 8. Exposure Controls/Personal Protection

Other Skin Protection (cont.): Any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

Physical State: Liquid.

Color: Colorless to light yellow.

Odor: Acrid, amine-like.

Odor Threshold: No data available.

pH: No data available.

Freezing Point: -90 °C (-130 °F) - lit.

Boiling Point: 142 °C (288 °F) - lit.

Flash Point: -8.9 – 0.00 °C (16 - 32 °F) – closed cup.

Auto-ignition Temperature: No data available.

Density: 0.838 g/cm^3 @ 25 °C (77 °F).

Vapor Pressure: 16 mm Hg @ 4 °C (39 °F).

Vapor Density: No data available.

Water Solubility: Reacts violently to release flammable gases.

Evaporation Rate: No data available.

Viscosity: No data available.

Section 10. Stability and Reactivity

Reactivity: Product reacts violently with water to release highly flammable and potentially toxic gases.

Chemical Stability: Product is stable when stored under a dry, inert atmosphere and away from heat. Nitrogen containing less than 5 ppm each moisture and air and a temperature range of 2 – 8 °C is recommended.

Section 10. Stability and Reactivity

Conditions to Avoid: Exposure to water/moisture, sources of ignition (heat, flames, sparks, electrostatic discharges) and extremes of temperature.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions: dimethylamine, carbon oxides (CO_X), nitrogen oxides (NO_X) and silicone oxides. Irritating and potentially toxic fumes may be generated during exposure to elevated temperatures or open flame. In the event of a fire: see Section 5.

Possibility of Hazardous Reactions: Under normal conditions of storage and use noted above, hazardous reactions will not occur. Hazardous reactions or instability may occur under certain conditions of storage or use. In contact with water, product reacts violently to release highly flammable and potentially toxic gases.

Section 11. Toxicological Information

Acute Toxicity

Component	CAS No	Result	Species	Dose	Exposure
Tris(dimethylamino)silane	15112-89-7	LC50 Oral	Rat	594 mg/l	-
		LD50 Dermal	Rabbit	477 mg/kg	-
		LC50 Inhalation	Rat	5.31 mg/l	4 h

Irritation/Corrosion: No specific data available. Product causes thermal and/or chemical burns to the skin, eyes and exposed mucous membranes.

Sensitization: No specific data available.

Germ Cell Mutagenicity: No specific data available.

Carcinogenicity

Component	CAS No	ACGIH	IARC	NTP	OSHA
Tris(dimethylamino)silane	15112-89-7	Not listed	Not listed	Not listed	Not listed

Reproductive Toxicity: No specific data available.

Teratogenicity: No specific data available.

Specific Target Organ Toxicity: (Single Exposure) No specific data available.

Specific Target Organ Toxicity: (Repeated Exposure) No specific data available.

Section 11. Toxicological Information

Aspiration Hazard: No specific data available.

Information on the Likely Routes of Exposure: Common routes of exposure: inhalation, dermal (failure to use skin protection), eye (failure to use safety eyewear). Less common: ingestion (failure to employ recommended hygiene measures (e.g. smoking after handling product without washing hands or using hand protection).

Additional Information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12. Ecological Information

Ecotoxicity: Product is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

Aquatic Toxicity

Component	CAS No	Test	Species	Dose	Exposure
Dimethylamine	124-40-3	LC50	Rainbow trout	17 mg/l	96 h
		EC50	Water Flea	46 mg/l	96 h

Persistence and Degradability

Biodegradability: No specific data available.

Bioaccumulative Potential: No specific data available.

Persistence: The probability of the product persisting in the environment is low based on its rapid decomposition in the presence of water.

Mobility in Soil: The probability of the product being mobile in the environment is low based on its rapid decomposition in the presence of water.

Results of PBT and vPvB Assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Endocrine Disrupting Properties: No specific data available.

Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13. Disposal Considerations

Product: Dispose of in accordance with local, state, and federal regulations. Refer to 40 CFR 260-299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals.

Contaminated Packaging: Empty containers retain product residue (liquids and vapors) and can be dangerous. Dispose of in the same manner as unused product.DO NOT EXPOSE EMPTY CONTAINERS TO AIR, MOISTURE, HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Section 14. Transport Information

	DOT	IMDG	IATA
UN Number	UN3399	UN3399	UN3399
UN Proper Shipping Name	Organometallic substance, liquid, water-reactive, flammable, n.o.s. (Tris(dimethylamino) silane)	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. (Tris(dimethylamino) silane)	Organometallic substance, liquid, water-reactive, flammable, n.o.s. (Tris(dimethylamino) silane)
Transport Hazard Classes	4.3 (3)	4.3 (3)	4.3 (3)
Packing Group	II	II	II
Environmental Hazards	-	-	-
Additional Information	-	EMS-No: F-G, S-N	-

Special Precautions for User: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory Information

Toxic Substance Control Act (TSCA)

This product as supplied is listed as "Active" on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory).

This product as supplied is not subject to the TSCA Significant New Use Rule.

This product as supplied is not subject to TSCA 12(b) export notification requirements.

SARA 302 Components

This product does not contain any components which are subject to the reporting requirements of SARA Title III, Section 302 EHS TPQ.

Section 15. Regulatory Information

SARA 304 Components
Product does not contain any components which are subject to the reporting requirements of SARA Title III, Section 304 RQ.

SARA 311/312 Hazards
Acute Health Hazard (Skin corrosion or irritation; Serious eye damage or eye irritation; Specific Target Organ Toxicity (STOT), single exposure: respiratory irritation).

SARA 313 Components
Product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act
Not applicable.

Clean Air Act
Not applicable.

CERCLA Reportable Quantity
Product, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US Department of Homeland Security (DHS)
Product does not contain any DHS chemicals.

US Department of Transportation (DOT)

Component	Reportable Quantity	DOT Marine Pollutant	DOT Severe Marine Pollutant
Tris(dimethylamino)silane	No	No	No

US State Right-to-Know Listings

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Tris(dimethylamino)silane	-	-	-	-	-

"X" – Listed.

US State Chemicals of High Concern Listings

Component	Maine	Vermont	Washington
Tris(dimethylamino)silane	-	-	-

"X" – Listed.

California Proposition 65 Components
Product does not contain any Proposition 65 chemicals.

Section 16. Other Information

National Fire Protection Association

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

HMIS Rating

HEALTH	3
FLAMMABILITY	3
PHYSICAL HAZARD	2

History

Date of Issue/Date of Revision: 10/26/2026.

Date of Previous Issue: 11/7/2023.

References: None available.

Abbreviations and Acronyms

ACGIH	:	American Conference of Governmental Industrial Hygienists.
AIHA	:	American Industrial Hygiene Association.
ATE	:	Acute Toxicity Estimate (per Chapter 3.1 of GHS 11 standard).
BEI	:	Biological Exposure Indices (ACGIH).
CAS	:	Chemical Abstracts Service (division of the American Chemical Society).
CHRIS	:	Chemical Hazards Response Information System (US DOT).
CLP	:	Classification, Labeling and Packaging (European Union (EU)).
DOT	:	US Department of Transportation.
EC-No.	:	The EC Inventory (EINECS, ELINCS and the NLP-list is the source of the seven digit EC number, an identifier of substances commercially available with the EU (European Union).

Section 16. Other Information

Abbreviations and Acronyms (cont.)

EINECS	:	European Inventory of Existing Commercial Chemical Substances.
EHS	:	Extremely Hazardous Substance.
ELINCS	:	European List of Notified Chemical Substances.
GHS	:	Globally Harmonized System of Classification and Labeling of Chemicals.
HAP	:	Hazardous Air Pollutants (Clean Air Act).
HMIS	:	Hazardous Materials Identification System.
HNOC	:	Hazards Not Otherwise Classified.
IARC	:	International Agency for Research on Cancer.
IATA	:	International Air Transport Association.
IATA-DGR	:	Dangerous Goods Regulations by the "International Air Transport Association" (IATA).
IDLH	:	Immediately Dangerous to Life or Health (US National Institute for Occupation Health and Safety (NIOSH)).
IMDG	:	International Maritime Code for Dangerous Goods.
IP	:	Intraperitoneal.
IV	:	Intravenous.
NFPA	:	National Fire Protection Association.
NIOSH	:	National Institute of Occupational Safety and Health.
NSRL	:	No Significant Risk Levels.
NTP	:	National Toxicology Program.
ODS	:	Ozone Depleting Substances (US Clean Air Act).
OECD	:	Organization for Economic Co-Operation and Development.
OEL	:	Occupational Exposure Limit.
OSHA	:	Occupational Safety and Health Administration.
PBT	:	Persistent Bioaccumulative and Toxic.
PEL	:	Permissible Exposure Limits.
REL	:	Recommended Exposure Limits.
RQ	:	Reportable Quantity.
SARA	:	Superfund Amendments and Reauthorization Act.
STEL (ST)	:	Short Term Exposure Limit (ACGIH/NIOSH).
STOT	:	Specific Target Organ Toxicity.
TLV	:	Threshold Limit Values (ACGIH).
TPQ	:	Threshold Planning Quantity.
TWA	:	Time Weighted Average.
VOC	:	Volatile Organic Compound.
vPvB	:	Very Persistent and Very Bioaccumulative.
WEEL	:	Workplace Environmental Exposure Level (AIHA).

Disclaimer

The information herein is believed to be accurate and is presented in good faith; however, no warranties or representations are made by Ereztech LLC regarding the accuracy or completeness of the information. Ereztech LLC shall not be liable for any damages resulting from the handling, or from the contact with the above product.

Section 16. Other Information

Disclaimer (cont.)

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

BRIDGING CHEMICAL GAPS