

1. Product and Company Identification

Product Code: 3474
Product Name: 3474
Company Name: Appli-Tec, Inc
 7 Industrial Way Unit 1
 Salem, NH 03079
Phone Number: (603)685-0500
Web site address: www.appli-tec.com
Emergency Contact: Contact medical emergency services
Information: Call Chemtrec for Transport Info. (800)424-9300

2. Hazards Identification

Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 1
Toxic To Reproduction, Category 1B
Aquatic Toxicity (Acute), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.
 H318 - Causes serious eye damage.
 H360 - May damage fertility or the unborn child .
 H402 - Harmful to aquatic life.

GHS Precautionary Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe vapors, mist or spray.
 P264 - Wash hands thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P281 - Use personal protective equipment as required.

GHS Response Phrases: P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405 - Store locked up. P501 - Dispose of contents/container according to national and local regulations.

Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS -none.

Inhalation: Inhalation of vapor may cause respiratory tract irritation.

Skin Contact: Causes severe skin irritation. Causes skin burns.

Eye Contact: Causes severe skin burns and eye damage.

Ingestion: Harmful if inhaled or swallowed.

Additional Information

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68909-20-6	Trimethylated silica	10.0 -20.0 %
4253-34-3	Methyltriacetoxysilane	< 5.0 %
17689-77-9	Ethyltriacetoxysilane	< 5.0 %

Additional Information Exact percentages have been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician. Take off contaminated clothing and shoes immediately.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed: No data available.

5. Fire Fighting Measures

Flash Pt: > 135.00 C

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and Hazards: Carbon oxides, silicon oxides.

Hazardous Combustion Products: No data available.

Products:

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions: Do not let product enter drains.

Steps To Be Taken In Case Material Is Released Or Spilled: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Soak up with inert absorbent material and dispose of as hazardous waste.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68909-20-6	Trimethylated silica	No data.	No data.	No data.
4253-34-3	Methyltriacetoxysilane	No data.	No data.	No data.
17689-77-9	Ethyltriacetoxysilane	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Eye Protection: Safety glasses.

Protective Gloves: Handle with gloves.

Other Protective Clothing: Wear appropriate clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Environmental Exposure Controls: Do not let product enter drains.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: colorless. Liquid.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: > 135.00 C

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): No data.

Density: ~1.07 G/ML
Solubility in Water: No data.
Saturated Vapor Concentration: No data.
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.
Explosive Properties: No data available.
Oxidizing Properties: No data available.
Information with regard to primary physical hazard:

10. Stability and Reactivity

Reactivity: No data available.
Stability: Unstable [] Stable []
Conditions To Avoid - Instability: Heat.
Incompatibility - Materials To Avoid: Strong oxidizing agents, Strong acids, Strong bases, Amines, Alcohols, bases, acids.
Hazardous Decomposition or Byproducts: Carbon oxides, silicon oxides.
Possibility of Hazardous Reactions: Will occur [] Will not occur []
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.
Irritation or Corrosion: Skin corrosion/irritation.
Sensitization: No data available.

12. Ecological Information

General Ecological Information: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

13. Disposal Considerations

Waste Disposal Method: Contact a licensed professional waste disposal service to dispose of this material.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains silanetriol, ethyl-, triacetate; Silanetriol, methyl-, triacetate)
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN3265 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (CONTAINS Silanetriol, ethyl-, triacetate; Silanetriol, methyl-, triacetate)
UN Number: UN3265 **Packing Group:** III
Hazard Class: 8 - CORROSIVE

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (CONTAINS Silanetriol, ethyl-, triacetate; Silanetriol, methyl-, triacetate)
UN Number: UN3265 **Packing Group:** III
Hazard Class: 8 - CORROSIVE

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68909-20-6	Trimethylated silica	No	No	No
4253-34-3	Methyltriacetoxysilane	No	No	No
17689-77-9	Ethyltriacetoxysilane	No	No	No

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68909-20-6	Trimethylated silica	TSCA: Inventory
4253-34-3	Methyltriacetoxysilane	TSCA: Inventory
17689-77-9	Ethyltriacetoxysilane	TSCA: Inventory

16. Other Information

Revision Date: 07/11/2023

Additional Information About This Product: No data available.

Company Policy or Disclaimer: The information on this data sheet represents our current and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or the applicable technical bulletin, or which involves using the product in combination with any other product or any other process is the responsibility of the user.