

1. Product and Company Identification

Product Code: 3067
Product Name: 3067
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
Intended Use: Adhesive

2. Hazards Identification

Flammable Liquids, Category 3
Serious Eye Damage/Eye Irritation, Category 1
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: Danger

GHS Hazard Phrases: H226 - Flammable liquid and vapor.
 H318 - Causes serious eye damage.
 H335 - May cause respiratory irritation.

GHS Precaution Phrases: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 P261 - Avoid breathing vapors, mist, or spray.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/eye protection/face protection.

GHS Response Phrases: 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.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P370+378 - In case of fire, use appropriate media to extinguish.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place.
 P405 - Store locked up.
 P501 - Dispose of contents/container according to national and local regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

**Potential Health Effects
(Acute and Chronic):**

Inhalation: Harmful if inhaled.
Skin Contact: Causes skin irritation.
Eye Contact: Causes eye burns. Causes serious eye damage.
Ingestion: Harmful if swallowed.
Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
8052-41-3	Stoddard solvent	50.0 -70.0 %
78-10-4	Silicic acid, Tetraethyl ester	10.0 -30.0 %
5593-70-4	Tetrabutyltitanate	5.0 -10.0 %
95-63-6	1,2,4-Trimethylbenzene	1.0 -5.0 %
11099-06-2	Silicic acid, Ethyl ester	1.0 -5.0 %

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

4. First Aid Measures

**Emergency and First Aid
Procedures:**

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

In Case of Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash contaminated clothing before reuse.

In Case of Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention/advice.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: 36.60 C Method Used: Closed Cup

Explosive Limits: LEL: 1 UEL: 6

Autoignition Pt: 245.00 C

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Ensure adequate ventilation. Isolate area and deny entry. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Precautions To Be Taken in Handling: Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Wash thoroughly after handling. Keep away from sources of ignition.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from sources of ignition.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
8052-41-3	Stoddard solvent	PEL: 500 ppm	TLV: 100 ppm	No data.
78-10-4	Silicic acid, Tetraethyl ester	PEL: 100 ppm	TLV: 10 ppm	No data.
5593-70-4	Tetrabutyltitanate	No data.	No data.	No data.
95-63-6	1,2,4-Trimethylbenzene	No data.	No data.	No data.
11099-06-2	Silicic acid, Ethyl ester	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

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

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: Blue. Liquid.
Odor: weak odor.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: 36.60 C Method Used: Closed Cup

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: 1 UEL: 6

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

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

Specific Gravity (Water = 1): ~0.8

Solubility in Water: No data.

Percent Volatile: 90.0 % by weight.
VOC / Volume: 765.0000 G/L
Autoignition Pt: 245.00 C

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: ignition sources, Excess heat.
Incompatibility - Materials To Avoid: Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon oxides, silicon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.
Irritation or Corrosion: Serious eye damage/irritation.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (Stoddard solvent, tetraethyl silicate)
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: 1993 **Packing Group:** III



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available. TETRAETHYL SILICATE.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (Stoddard solvent, tetraethyl silicate)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (Stoddard solvent, tetraethyl silicate)

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)
8052-41-3	Stoddard solvent	No	No	No
78-10-4	Silicic acid, Tetraethyl ester	No	No	No
5593-70-4	Tetrabutyltitanate	No	No	No
95-63-6	1,2,4-Trimethylbenzene	No	No	Yes
11099-06-2	Silicic acid, Ethyl ester	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
8052-41-3	Stoddard solvent	TSCA: Yes - Inventory
78-10-4	Silicic acid, Tetraethyl ester	TSCA: Yes - Inventory
5593-70-4	Tetrabutyltitanate	TSCA: Yes - Inventory
95-63-6	1,2,4-Trimethylbenzene	TSCA: Yes - Inventory
11099-06-2	Silicic acid, Ethyl ester	TSCA: Yes - Inventory

16. Other Information

Revision Date: 08/10/2015

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.