

1. Product and Company Identification

Product Code: 0164
Product Name: 0164
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 4
Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1



GHS Signal Word: Danger
GHS Hazard Phrases: H227 - Combustible liquid.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
GHS Precaution Phrases: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P261 - Avoid breathing vapors, mist, or spray.
 P264 - Wash hands thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/eye protection/face protection.
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.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
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.
Emergency Overview:
OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

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

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin Contact: Causes skin burns. May cause allergic skin reaction.
Eye Contact: Causes eye burns. Causes serious eye damage.
Ingestion: May be harmful if swallowed. May cause burns to the digestive tract.
Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Proprietary epoxy resin	45.0 -75.0 %
NA	Polyamide	15.0 -25.0 %
2426-08-6	Oxirane, (Butoxymethyl)-	5.0 -25.0 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	1.0 -9.0 %
112945-52-5	Silica, amorphous treated	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: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
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: > 81.00 C
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or 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. Use water spray to keep fire-exposed containers cool.
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: Avoid contact with skin and eyes. Use only in a well-ventilated area. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Precautions To Be Taken in Storing: Store at <= -40deg.C.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Proprietary epoxy resin	No data.	No data.	No data.
NA	Polyamide	No data.	No data.	No data.
2426-08-6	Oxirane, (Butoxymethyl)-	PEL: 50 ppm	TLV: 25 ppm	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No data.	No data.	No data.
112945-52-5	Silica, amorphous treated	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.): Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: White. Paste.
Odor: weak odor.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: > 81.00 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): ~1.1

Solubility in Water: No data.

Percent Volatile: No data.

Autoignition Pt: No data.

10. Stability and Reactivity

Stability: Unstable [X] Stable []

Conditions To Avoid - Instability: Product will cure at ambient temperatures. Keep in cold storage until ready to use.

Incompatibility - Materials To Avoid: Water, Strong bases, Alcohols, Strong oxidizing agents, Strong reducing agents.

Hazardous Decomposition or Byproducts: Carbon oxides, Nitrogen oxides.

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: Skin corrosion/irritation. Serious eye damage/irritation.

Sensitization: Skin sensitization.

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: Triethylenetetramine solution.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN2259

Packing Group: II



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Corrosive liquid, basic, organic, n.o.s. Triethylenetetramine, Polyamide Solution

UN Number: 3267

Packing Group: I

Hazard Class: 8 - CORROSIVE

IMDG MFAG Number:

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Triethylenetetramine solution.

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)
NA	Proprietary epoxy resin	No	No	No
NA	Polyamide	No	No	No
2426-08-6	Oxirane, (Butoxymethyl)-	No	No	No
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No
112945-52-5	Silica, amorphous treated	No	No	No

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
NA	Proprietary epoxy resin	TSCA: Yes - Inventory
NA	Polyamide	TSCA: Yes - Inventory
2426-08-6	Oxirane, (Butoxymethyl)-	TSCA: Yes - Inventory, 4 Test, 8A
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Yes - Inventory
112945-52-5	Silica, amorphous treated	TSCA: Yes - Inventory

16. Other Information

Revision Date: 12/23/2015

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.