

## 1. Product and Company Identification

**Product Code:** 0161  
**Product Name:** 0161  
**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

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Skin Sensitization, Category 1**  
**Aquatic Toxicity (Chronic), Category 2**



**GHS Signal Word:** **Danger**  
**GHS Hazard Phrases:** H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H411 - Toxic to aquatic life with long lasting effects.  
**GHS Precautionary Phrases:** 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.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/eye protection/face protection.  
**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 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.  
 P362 - Take off contaminated clothing and wash before re-use.  
 P391 - Collect spillage.  
**GHS Storage and Disposal Phrases:** P501 - Dispose of contents/container according to national and local regulations.  
**OSHA Regulatory Status:** This material is classified as hazardous under OSHA regulations.  
**Inhalation:** Causes respiratory tract irritation.  
**Skin Contact:** Causes skin burns. May cause allergic skin reaction.  
**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
25068-38-6	Bisphenol-a based epoxy resin	30.0 -50.0 %
1317-65-3	Limestone	20.0 -45.0 %
68082-29-1	Fatty amidoamine resin	15.0 -30.0 %
112945-52-5	Silica, amorphous treated	0.5 -2.5 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	0.5 -2.5 %
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	0.5 -2.5 %

**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 and shoes. Wash clothing before reuse. Wash with soap and water. Get medical attention if irritation develops or persists.
- 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 Point:** NA
- 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. Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided. 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:** Normal measures for preventive fire protection. Wash thoroughly after handling. Use with adequate ventilation. Avoid ingestion and inhalation. Avoid contact with eyes, skin, and clothing.
- Precautions To Be Taken** Store at <= -40deg.C.

**in Storing:**

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
1317-65-3	Limestone	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
68082-29-1	Fatty amidoamine resin	No data.	No data.	No data.
112945-52-5	Silica, amorphous treated	No data.	No data.	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No data.	No data.	No data.
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Pheno l	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.):** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. 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: Light. green. Paste.  
Odor: characteristic odor.

**pH:** No data.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Point:** NA

**Evaporation Rate:** No data.

**Flammability (solid, gas):** No data available.

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

**Vapor Pressure:** No data.

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

**Specific Gravity (Water=1):** ~1.4

**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.

Information with regard to primary physical hazard:

### 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:** Strong oxidizing agents, Strong bases, Strong acids, Water, Alcohols.

**Hazardous Decomposition or Byproducts:** Carbon 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:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**



**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Environmentally hazardous substances, liquid, n.o.s. (dimer fatty acid(C18)poly amido amine resin, Bisphenol-A-Epichlorohydrin resin)  
**UN Number:** UN3082 **Packing Group:** III  
**Hazard Class:** 9 - CLASS 9  
**IMDG MFAG Number:**  
**Marine Pollutant:** Yes

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Environmentally hazardous substances, liquid, n.o.s. (dimer fatty acid(C18)poly amido amine resin, Bisphenol-A-Epichlorohydrin resin)  
**UN Number:** UN3082 **Packing Group:** III  
**Hazard Class:** 9 - CLASS 9

**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)
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
1317-65-3	Limestone	No	No	No
68082-29-1	Fatty amidoamine resin	No	No	No
112945-52-5	Silica, amorphous treated	No	No	No
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
1317-65-3	Limestone	TSCA: Inventory
68082-29-1	Fatty amidoamine resin	TSCA: Inventory
112945-52-5	Silica, amorphous treated	TSCA: Inventory
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Inventory
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	TSCA: Inventory

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
25068-38-6	Bisphenol-a based epoxy resin	REACH: (P)
1317-65-3	Limestone	REACH: (P)
68082-29-1	Fatty amidoamine resin	REACH: (P), 01-2119972320-44: Full
112945-52-5	Silica, amorphous treated	REACH: (P)
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	REACH: (P), 01-2120922689-41: Intermediate
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	REACH: (P), 01-2119560597-27: Full

