

## 1. Product and Company Identification

**Product Code:** 0660  
**Product Name:** 0660  
**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 1B**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Skin Sensitization, Category 1**  
**Carcinogenicity, Category 1B**  
**Toxic To Reproduction, Category 2**  
**Specific Target Organ Toxicity (single exposure), Category 3**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H314 - Causes severe skin burns and eye damage.  
 H317 - May cause an allergic skin reaction.  
 H335 - May cause respiratory irritation.  
 H350 - May cause cancer .  
 H361 - Suspected of damaging fertility or the unborn child .

**GHS Precaution Phrases:** P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P261 - Avoid breathing vapors, mist, or spray.  
 P264 - Wash hands thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 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.  
 P308+313 - IF exposed or concerned: Get medical attention/advice.  
 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:** P405 - Store locked up.  
 P501 - Dispose of contents/container according to local and national regulations.

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

**Inhalation:** May cause respiratory tract irritation. May cause allergic respiratory reaction.

**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 -40.0 %
68475-94-5	Fatty acids, C18-unsatd., dimers, polymers with epichlorohydrin	20.0 -30.0 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	1.0 -5.0 %
112945-52-5	Silica, amorphous treated	1.0 -5.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	1.0 -5.0 %
556-52-5	Glycidol	0.1 -1.0 %
106-89-8	Epichlorohydrin	0.0 -1.0 %

**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:** > 93.00 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.

**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 only with adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

**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
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
68475-94-5	Fatty acids, C18-unsatd., dimers, polymers with epichlorohydrin	No data.	No data.	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.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No data.	No data.	No data.
556-52-5	Glycidol	PEL: 50 ppm	TLV: 2 ppm	No data.
106-89-8	Epichlorohydrin	PEL: 5 ppm	TLV: 0.5 ppm	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 process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended 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

<b>Physical States:</b>	[ ] Gas    [ X ] Liquid    [ ] Solid	
<b>Appearance and Odor:</b>	Appearance: amber. Odor: weak odor.	
<b>pH:</b>	No data.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	No data.	
<b>Flash Pt:</b>	> 93.00 C	
<b>Evaporation Rate:</b>	No data.	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Specific Gravity (Water = 1):</b>	~1.1	
<b>Solubility in Water:</b>	No data.	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Percent Volatile:</b>	N.A.	
<b>Autoignition Pt:</b>	No data.	
<b>Decomposition Temperature:</b>	No data.	
<b>Viscosity:</b>	No data.	

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ X ]    Stable [ ]	
<b>Conditions To Avoid - Instability:</b>	Product will cure at ambient temperatures. Keep in cold storage until ready to use.	
<b>Incompatibility - Materials To Avoid:</b>	Oxidizing materials.	
<b>Hazardous Decomposition or Byproducts:</b>	Carbon oxides, Nitrogen oxides.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]	Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.	

## 11. Toxicological Information

**Toxicological Information:** No data available.  
**Irritation or Corrosion:** Serious eye damage/irritation. Skin corrosion/irritation.  
**Sensitization:** Skin sensitization.

## 12. Ecological Information

**General Ecological Information:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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 Substance, liquid, n.o.s. (Liquid Epoxy Resin).  
**UN Number:** 3082 **Packing Group:** III  
**Hazard Class:** 9 - CLASS 9

**IMDG MFAG Number:**

**IMDG EMS Page:**

### AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** Environmentally Hazardous Substance, liquid, n.o.s. (Liquid Epoxy Resin).  
**UN Number:** 3082 **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
68475-94-5	Fatty acids, C18-unsatd., dimers, polymers with epichlorohydrin	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
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
556-52-5	Glycidol	No	No	Yes
106-89-8	Epichlorohydrin	Yes 1000 LB	Yes 100 LB	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
68475-94-5	Fatty acids, C18-unsatd., dimers, polymers with epichlorohydrin	TSCA: Inventory
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Inventory
112945-52-5	Silica, amorphous treated	TSCA: Inventory

67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	TSCA: Inventory, 8A, 8A PAIR
556-52-5	Glycidol	TSCA: Inventory, 8A
106-89-8	Epichlorohydrin	TSCA: Inventory

## 16. Other Information

**Revision Date:** 02/13/2018

**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.