

## 1. Product and Company Identification

**Product Code:** 3097  
**Product Name:** 3097  
**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 2A**  
**Respiratory Sensitization, Category 1**  
**Skin Sensitization, Category 1**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**GHS Precaution 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.  
 P280 - Wear protective gloves/eye protection/face protection.  
 P285 - In case of inadequate ventilation wear respiratory protection.

**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 P304+341 - IF INHALED: If breathing is difficult, remove 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.  
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
 P337+313 - If eye irritation persists, get medical advice/attention.  
 P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.  
 P362 - Take off contaminated clothing and wash before re-use.

**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.

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

**Inhalation:** Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin Contact:** Causes skin irritation. May cause allergic skin reaction.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Harmful if swallowed.

**Additional Information** No data available.

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Proprietary epoxy resin	40.0 -70.0 %
25550-51-0	1,2-Cyclohexanedicarboxylic anhydride, methyl-	10.0 -20.0 %
89-32-7	1,2,4,5-Benzenetetracarboxylic anhydride	10.0 -20.0 %
34090-76-1	1,3-Isobenzofurandione, tetrahydro-5-methyl-	0.1 -5.0 %
89-05-4	1,2,4,5-Benzenetetracarboxylic acid	0.1 -5.0 %
108-88-3	Toluene	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:** Wash thoroughly after handling. Avoid contact with skin and eyes. Do not ingest or inhale.

**Precautions To Be Taken in Storing:** Store at  $\leq -40\text{deg.C}$ .

## 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.
25550-51-0	1,2-Cyclohexanedicarboxylic anhydride, methyl-	No data.	No data.	No data.
89-32-7	1,2,4,5-Benzenetetracarboxylic anhydride	No data.	No data.	No data.
34090-76-1	1,3-Isobenzofurandione, tetrahydro-5-methyl-	No data.	No data.	No data.
89-05-4	1,2,4,5-Benzenetetracarboxylic acid	No data.	No data.	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 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 adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Work/Hygienic/Maintenance Practices:** 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: orange. Liquid. Odor: weak odor.	
<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>	~1.2	
<b>Solubility in Water:</b>	No data.	
<b>Percent Volatile:</b>	No data.	
<b>Autoignition Pt:</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>	Water, Strong bases, Alcohols, 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

<b>Toxicological Information:</b>	No data available.
<b>Sensitization:</b>	Respiratory and skin sensitization.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Observe all federal, state, and local environmental regulations.
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## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**Name:**

**DOT Hazard Class:**

**UN/NA Number:**

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

**IMDG/IMO Shipping Name:** Not Regulated.

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

**ICAO/IATA Shipping Name:** Not Regulated.

**Name:**

**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
25550-51-0	1,2-Cyclohexanedicarboxylic anhydride, methyl-	No	No	No
89-32-7	1,2,4,5-Benzenetetracarboxylic anhydride	No	No	No
34090-76-1	1,3-Isobenzofurandione, tetrahydro-5-methyl-	No	No	No
89-05-4	1,2,4,5-Benzenetetracarboxylic acid	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
NA	Proprietary epoxy resin	TSCA: Inventory
25550-51-0	1,2-Cyclohexanedicarboxylic anhydride, methyl-	TSCA: Inventory
89-32-7	1,2,4,5-Benzenetetracarboxylic anhydride	TSCA: Inventory, 4 Test
34090-76-1	1,3-Isobenzofurandione, tetrahydro-5-methyl-	TSCA: Inventory
89-05-4	1,2,4,5-Benzenetetracarboxylic acid	TSCA: Inventory
108-88-3	Toluene	TSCA: Inventory, 8A CAIR

**16. Other Information**

**Revision Date:** 10/20/2017

**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.