

## 1. Product and Company Identification

**Product Code:** 5010  
**Product Name:** 5010  
**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**  
**Carcinogenicity, Category 2**  
**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.  
 H351 - Suspected of causing cancer .  
 H411 - Toxic to aquatic life with long lasting effects.

**GHS Precautionary 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.  
 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.  
 P308+313 - IF exposed or concerned: Get medical attention/advice.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P332+313 - If skin irritation occurs, get medical advice/attention.  
 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:** 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.  
**Inhalation:** Harmful if inhaled.  
**Skin Contact:** Causes skin irritation. 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 |
|------------|--------------------------------------|---------------|
| 28064-14-4 | Phenol-Formaldehyde Polymer          | 55.0 -95.0 %  |
| 931-36-2   | 2-Ethyl-4-methylimidazole            | 1.0 -5.0 %    |
| 2530-83-8  | 3-Glycidoxypropyltrimethoxysilane    | 1.0 -5.0 %    |
| 822-36-6   | 4-Methylimidazole                    | 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 Point:** > 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. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing.

**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 |
|------------|-----------------------------------|----------|-----------|--------------|
| 28064-14-4 | Phenol-Formaldehyde Polymer       | No data. | No data.  | No data.     |
| 931-36-2   | 2-Ethyl-4-methylimidazole         | No data. | No data.  | No data.     |
| 2530-83-8  | 3-Glycidoxypropyltrimethoxysilane | No data. | No data.  | No data.     |
| 822-36-6   | 4-Methylimidazole                 | 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 general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

**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: Gray. Paste.  
Odor: weak odor.

**pH:** No data.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Point:** > 93.00 C

**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** No data.

**(Water=1):**

**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:** Oxidizing 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:** 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:** CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Methyl Imidazole,4-)  
**DOT Hazard Class:** 8 CORROSIVE  
**UN/NA Number:** UN3263 **Packing Group:** II



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

**IMDG/IMO Shipping Name:** CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Methyl imidazole,4-)  
**UN Number:** UN3263 **Packing Group:** II  
**Hazard Class:** 8 - CORROSIVE

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

**ICAO/IATA Shipping Name:** CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Methyl imidazole,4-)  
**UN Number:** UN3263 **Packing Group:** II  
**Hazard Class:** 8 - CORROSIVE

**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) |
|------------|--------------------------------------|--------------|-----------|--------------|
| 28064-14-4 | Phenol-Formaldehyde Polymer          | No           | No        | No           |
| 931-36-2   | 2-Ethyl-4-methylimidazole            | No           | No        | No           |
| 2530-83-8  | 3-Glycidoxypropyltrimethoxysilane    | No           | No        | No           |
| 822-36-6   | 4-Methylimidazole                    | No           | No        | No           |

**California Proposition 65**



**WARNING**

This product can expose you to chemicals including 4-Methylimidazole, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| CAS #      | Hazardous Components (Chemical Name) | Other US EPA or State Lists               |
|------------|--------------------------------------|---|
| 28064-14-4 | Phenol-Formaldehyde Polymer          | TSCA: Inventory                           |
| 931-36-2   | 2-Ethyl-4-methylimidazole            | TSCA: Inventory                           |
| 2530-83-8  | 3-Glycidoxypropyltrimethoxysilane    | TSCA: Inventory, 8A                       |
| 822-36-6   | 4-Methylimidazole                    | TSCA: Inventory<br>CA PROP.65: Yes: Canc. |

| CAS #      | Hazardous Components (Chemical Name) | International Regulatory Lists             |
|------------|--------------------------------------|--|
| 28064-14-4 | Phenol-Formaldehyde Polymer          | REACH: (P)                                 |
| 931-36-2   | 2-Ethyl-4-methylimidazole            | REACH: (P), 01-2119980935-21: Full         |
| 2530-83-8  | 3-Glycidoxypropyltrimethoxysilane    | REACH: (P), 01-2119513212-58: Full         |
| 822-36-6   | 4-Methylimidazole                    | REACH: (P), 01-2119948594-25: Intermediate |

