

## 1. Product and Company Identification

**Product Code:** 3461  
**Product Name:** 3461  
**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**  
**Aquatic Toxicity (Acute), Category 2**  
**Acute Toxicity: Oral, Category 4**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H401 - Toxic to aquatic life.  
 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.  
 P270 - Do not eat, drink or smoke when using this product.  
 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:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 - Rinse mouth.  
 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:** May be harmful if inhaled. May cause respiratory tract irritation.  
**Skin Contact:** Causes skin irritation. May cause allergic skin reaction.  
**Eye Contact:** Causes serious eye damage.  
**Ingestion:** Harmful if swallowed.  
**Additional Information** Harmful dust may be released during cutting or grinding process.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7440-22-4	Silver	>60.0 %
9003-36-5	Phenol, polymer with (chloromethyl)oxirane and formaldehyde	15.0 -30.0 %
NA	Reactive Diluent	2.5 -5.0 %
NA	Substituted Imidazole	2.5 -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:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**In Case of Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention.

### 5. Fire Fighting Measures

**Flash Pt:** > 93.30 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:** Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Discharge into the environment must be avoided.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Wash thoroughly after handling.

**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
7440-22-4	Silver	PEL: 0.01 mg/m3	TWA: 0.1 mg/m3 (0.01 mg/m3 sol.compds) (Fume or dust)	No data.
9003-36-5	Phenol, polymer with (chloromethyl)oxirane and formaldehyde	No data.	No data.	No data.
NA	Reactive Diluent	No data.	No data.	No data.
NA	Substituted Imidazole	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 process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

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

**Appearance and Odor:** Appearance: Silver. Paste.  
Odor: weak odor.

**pH:** No data.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** > 93.30 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 =** No data.

1):  
**Specific Gravity (Water = 1):** ~2.4  
**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, acids, bases.  
**Hazardous Decomposition or Byproducts:** Carbon oxides, metal fumes.  
**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 and eye irritant.  
**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:** Environmentally Hazardous Substance, Liquid, n.o.s. ( Silver)  
**DOT Hazard Class:** 9 CLASS 9  
**UN/NA Number:** UN3082 **Packing Group:** III



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

**IMDG/IMO Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. ( Silver)  
**UN Number:** UN3082 **Packing Group:** III  
**Hazard Class:** 9 - CLASS 9

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

**ICAO/IATA Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. ( Silver)  
**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)
7440-22-4	Silver	No	Yes NA	Yes-Cat. N740
9003-36-5	Phenol, polymer with (chloromethyl)oxirane and formaldehyde	No	No	No
NA	Reactive Diluent	No	No	No
NA	Substituted Imidazole	No	No	No

**CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists**

7440-22-4	Silver	TSCA: Inventory
9003-36-5	Phenol, polymer with (chloromethyl)oxirane and formaldehyde	TSCA: Inventory
NA	Reactive Diluent	TSCA: Inventory
NA	Substituted Imidazole	TSCA: Inventory

**16. Other Information**

**Revision Date:** 02/08/2023

**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.