

**1. Product and Company Identification**

**Product Code:** 0842A  
**Product Name:** 0842A  
**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:** Resin for two part adhesive

**2. Hazards Identification**

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Skin Sensitization, Category 1**



**GHS Signal Word:** Warning  
**GHS Hazard Phrases:** H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H317 - May cause an allergic skin reaction.  
**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
 P280 - Wear protective gloves/eye protection/face protection.  
 P261 - Avoid breathing vapor, mist, or spray.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
**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.  
 P337+313 - If eye irritation persists, get medical advice/attention.  
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
 P362 - Take off contaminated clothing.  
**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.  
**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                                                                                                       | 30.0 -60.0 %  |
| 12001-26-2 | Mica-group minerals                                                                                                           | 30.0 -60.0 %  |
| 1163-19-5  | Decabromodiphenyl ether;<br>Bis(pentabromophenyl) ether (benzene,<br>1,1'-oxybis[2,3,4,5,6-pentabromo-; decaBDE];<br>BDE 209) | 5.0 -10.0 %   |
| NA         | Proprietary halogenated aliphatic glycidyl ether                                                                              | 1.0 -5.0 %    |
| NA         | Proprietary dimethyl ester                                                                                                    | 1.0 -5.0 %    |
| 14808-60-7 | Quartz                                                                                                                        | 0.1 -1.0 %    |
| 1333-86-4  | Carbon black                                                                                                                  | 0.1 -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 eyes, skin, and clothing. Do not breathe vapor.

**Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances.

**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.     |
| 12001-26-2 | Mica-group minerals                                                                                                     | PEL: 706 ppm/20 mppcf   | TLV: 3 mg/m3 (R)    | No data.     |
| 1163-19-5  | Decabromodiphenyl ether;<br>Bis(pentabromophenyl) ether (benzene, 1,1'-oxybis[2,3,4,5,6-pentabromo-; decaBDE); BDE 209} | No data.                | No data.            | No data.     |
| NA         | Proprietary halogenated aliphatic glycidyl ether                                                                        | No data.                | No data.            | No data.     |
| NA         | Proprietary dimethyl ester                                                                                              | No data.                | No data.            | No data.     |
| 14808-60-7 | Quartz                                                                                                                  | PEL: 8825 ppm/(%SiO2+5) | TLV: 0.05 mg/m3 (R) | No data.     |
| 1333-86-4  | Carbon black                                                                                                            | PEL: 3.5 mg/m3          | TLV: 3.5 mg/m3      | 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 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 below recommended exposure limits.

**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: Black. Liquid.  
Odor: weak odor.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** > 93.00 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 = 1):** No data.

**Specific Gravity (Water = 1):** ~1.6

**Solubility in Water:** No data.

**Percent Volatile:** 0.0 % by volume.

**Autoignition Pt:** No data.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** High temperatures, Heat, flames and sparks.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Strong acids, Strong bases, Amines.

**Hazardous Decomposition or Byproducts:** Carbon oxides, Aldehydes, Acids.

**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.

**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** Not Regulated.

**Name:**

**DOT Hazard Class:**

**UN/NA Number:**

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

**IMDG/IMO Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (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. (Epoxy resin)

**Name:**

**Packing Group:** III

**UN Number:** 3082

**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) |
|------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|--------------|
| NA         | Proprietary epoxy resin                                                                                                       | No           | No        | No           |
| 12001-26-2 | Mica-group minerals                                                                                                           | No           | No        | No           |
| 1163-19-5  | Decabromodiphenyl ether;<br>Bis(pentabromophenyl) ether (benzene,<br>1,1'-oxybis[2,3,4,5,6-pentabromo-; decaBDE];<br>BDE 209} | No           | No        | Yes          |
| NA         | Proprietary halogenated aliphatic glycidyl ether                                                                              | No           | No        | No           |
| NA         | Proprietary dimethyl ester                                                                                                    | No           | No        | No           |
| 14808-60-7 | Quartz                                                                                                                        | No           | No        | No           |
| 1333-86-4  | Carbon black                                                                                                                  | No           | No        | No           |

| CAS #      | Hazardous Components (Chemical Name)                                                                                          | Other US EPA or State Lists                              |
|------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| NA         | Proprietary epoxy resin                                                                                                       | TSCA: Yes - Inventory                                    |
| 12001-26-2 | Mica-group minerals                                                                                                           | TSCA: Yes - Inventory                                    |
| 1163-19-5  | Decabromodiphenyl ether;<br>Bis(pentabromophenyl) ether (benzene,<br>1,1'-oxybis[2,3,4,5,6-pentabromo-; decaBDE];<br>BDE 209} | TSCA: Yes - Inventory, 4 Test, 5A(2), 8A, 8A PAIR, 12(b) |
| NA         | Proprietary halogenated aliphatic glycidyl ether                                                                              | TSCA: No                                                 |
| NA         | Proprietary dimethyl ester                                                                                                    | TSCA: No                                                 |
| 14808-60-7 | Quartz                                                                                                                        | TSCA: Yes - Inventory                                    |
| 1333-86-4  | Carbon black                                                                                                                  | TSCA: Yes - Inventory                                    |

## 16. Other Information

**Revision Date:** 01/14/2016

**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.