

1. Product and Company Identification

Product Code: 3220
Product Name: 3220
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

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1A
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H302 - Harmful if swallowed.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.

GHS Precaution Phrases: P260 - Do not breathe 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.
 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.
 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.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P330 - Rinse mouth.
 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 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 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 |
|------------|--|---------------|
| 1344-28-1 | Aluminum oxide | 50.0 -100.0 % |
| NA | Proprietary epoxy resin | 5.0 -30.0 % |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | 1.0 -5.0 % |
| 4246-51-9 | 3,3'-Oxybis(ethyleneoxy)bis(propylamine) | 1.0 -5.0 % |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | 0.0 -1.0 % |
| 1333-86-4 | Carbon black | 0.0 -1.0 % |
| 65997-17-3 | Fibrous glass | 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.

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. Do not let product enter drains. Prevent further leakage or spillage if safe to do so. 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: Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use only with adequate ventilation.

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 |
|------------|--|---------------------------------|----------------------|--------------|
| 1344-28-1 | Aluminum oxide | PEL: 15 (dust); 5 (resp.) mg/m3 | TLV: 10 mg/m3 (E) | No data. |
| NA | Proprietary epoxy resin | No data. | No data. | No data. |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | No data. | No data. | No data. |
| 4246-51-9 | 3,3'-Oxybis(ethyleneoxy)bis(propylamine) | No data. | No data. | No data. |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | PEL: 50 ppm | TLV: 3 ppm | No data. |
| 1333-86-4 | Carbon black | PEL: 3.5 mg/m3 | TLV: 3 mg/m3 (IHL) | No data. |
| 65997-17-3 | Fibrous glass | No data. | TLV: 1 f/cc (fibers) | 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 general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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.

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) |
|------------|--|--------------|-----------|--------------|
| 1344-28-1 | Aluminum oxide | No | No | Yes |
| NA | Proprietary epoxy resin | No | No | No |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | No | No | No |
| 4246-51-9 | 3,3'-Oxybis(ethyleneoxy)bis(propylamine) | No | No | No |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | No | No | No |
| 1333-86-4 | Carbon black | No | No | No |
| 65997-17-3 | Fibrous glass | No | No | No |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|--|-----------------------------------|
| 1344-28-1 | Aluminum oxide | TSCA: Yes - Inventory |
| NA | Proprietary epoxy resin | TSCA: Yes - Inventory |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | TSCA: Yes - Inventory |
| 4246-51-9 | 3,3'-Oxybis(ethyleneoxy)bis(propylamine) | TSCA: Yes - Inventory |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | TSCA: Yes - Inventory, 4 Test, 8A |
| 1333-86-4 | Carbon black | TSCA: Yes - Inventory |
| 65997-17-3 | Fibrous glass | TSCA: Yes - Inventory |

16. Other Information

Revision Date: 08/12/2015

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.