

1. Product and Company Identification

Product Code: 3199A
Product Name: 3199A
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

Flammable Liquids, Category 3
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1
Germ Cell Mutagenicity, Category 2
Carcinogenicity, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H226 - Flammable liquid and vapor.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.
 H341 - Suspected of causing genetic defects.
 H351 - Suspected of causing cancer .
 H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 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.
 P271 - Use only outdoors or in a well-ventilated area.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/eye protection/face protection.
 P235 - Keep cool.

GHS Response Phrases: 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.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.
 P370+378 - In case of fire, use appropriate media to extinguish.

GHS Storage and Disposal Phrases: P403+233 - Store container tightly closed in well-ventilated place.
 P405 - Store locked up.
 P501 - Dispose of contents/container according to local and national regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: Causes respiratory tract irritation.
Skin Contact: Causes skin irritation. May cause allergic skin reaction.
Eye Contact: Causes serious eye irritation.
Ingestion: Causes gastrointestinal tract irritation.
Additional Information No data available.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|-------------|--|---------------|
| 25068-38-6 | Bisphenol-a based epoxy resin | 40.0 -65.0 % |
| 74398-71-3 | 9-Octadecenoic acid, 12-(oxiranylmethoxy)-, 1,2,3-propanetri | 25.0 -45.0 % |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | 5.0 -10.0 % |
| 112945-52-5 | Silica, amorphous treated | 1.0 -5.0 % |
| 13463-67-7 | Titanium dioxide | 1.0 -5.0 % |
| 21645-51-2 | Aluminum hydroxide | 0.1 -1.0 % |
| 7631-86-9 | Silica | 0.1 -1.0 % |
| 71-36-3 | n-Butyl alcohol | 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:** Avoid contact with skin and eyes. Do not ingest or inhale. Use with adequate ventilation.
- 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 |
|-------------|--|----------------------|---------------|--------------|
| 25068-38-6 | Bisphenol-a based epoxy resin | No data. | No data. | No data. |
| 74398-71-3 | 9-Octadecenoic acid, 12-(oxiranylmethoxy)-, 1,2,3-propanetri | No data. | No data. | No data. |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | PEL: 50 ppm | TLV: 3 ppm | No data. |
| 112945-52-5 | Silica, amorphous treated | No data. | No data. | No data. |
| 13463-67-7 | Titanium dioxide | PEL: 15 (dust) mg/m3 | TLV: 10 mg/m3 | No data. |
| 21645-51-2 | Aluminum hydroxide | No data. | No data. | No data. |
| 7631-86-9 | Silica | No data. | No data. | No data. |

71-36-3 n-Butyl alcohol

PEL: 100 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.): 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: White. Liquid.
Odor: pungent 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): ~1.1

Solubility in Water: No data.

Percent Volatile: No data.

Autoignition Pt: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Incompatible materials, Heat, flames and sparks.

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

Hazardous Decomposition or Byproducts: Carbon oxides, Aldehydes.

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 Name: FLAMMABLE LIQUIDS, N.O.S. (Oxirane, 2-(butoxymethyl)-)
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1993 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (Oxirane, 2-(butoxymethyl)-)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (Oxirane, 2-(butoxymethyl)-)

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) |
|-------------|--|--------------|-------------|--------------|
| 25068-38-6 | Bisphenol-a based epoxy resin | No | No | No |
| 74398-71-3 | 9-Octadecenoic acid, 12-(oxiranylmethoxy)-, 1,2,3-propanetri | No | No | No |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | No | No | No |
| 112945-52-5 | Silica, amorphous treated | No | No | No |
| 13463-67-7 | Titanium dioxide | No | No | No |
| 21645-51-2 | Aluminum hydroxide | No | No | No |
| 7631-86-9 | Silica | No | No | No |
| 71-36-3 | n-Butyl alcohol | No | Yes 5000 LB | Yes |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-------------|--|-----------------------------------|
| 25068-38-6 | Bisphenol-a based epoxy resin | TSCA: Yes - Inventory |
| 74398-71-3 | 9-Octadecenoic acid, 12-(oxiranylmethoxy)-, 1,2,3-propanetri | TSCA: Yes - Inventory, 4 Test, 8A |
| 2426-08-6 | Oxirane, (Butoxymethyl)- | TSCA: Yes - Inventory, 4 Test, 8A |
| 112945-52-5 | Silica, amorphous treated | TSCA: Yes - Inventory |
| 13463-67-7 | Titanium dioxide | TSCA: Yes - Inventory |
| 21645-51-2 | Aluminum hydroxide | TSCA: Yes - Inventory |
| 7631-86-9 | Silica | TSCA: Yes - Inventory |
| 71-36-3 | n-Butyl alcohol | TSCA: Yes - Inventory, 4 Test |

16. Other Information

Revision Date: 07/26/2016

Additional Information No data available.

About This Product:

**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.