

1. Product and Company Identification

Product Code: 3302
Product Name: 3302
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 1B
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 2
Aquatic Toxicity (Chronic), Category 2



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.
 H361 - Suspected of damaging fertility or the unborn child .
 H373 - May cause damage to organs through prolonged or repeated exposure.
 H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 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.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/eye protection/face protection.
 P281 - Use personal protective equipment as required.

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.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P314 - Get medical attention/advice if you feel unwell.

P330 - Rinse mouth.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P391 - Collect spillage.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents/container according to local, state, and federal environmental regulations.

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

Inhalation: May be harmful if inhaled. Can cause severe respiratory irritation.

Skin Contact: Harmful in contact with skin. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.

Eye Contact: Severe eye irritant.

Ingestion: Harmful if swallowed.

Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Proprietary epoxy resin	15.0 -25.0 %
25068-38-6	Bisphenol-a based epoxy resin	12.5 -22.5 %
NA	Proprietary Polyamide	10.0 -20.0 %
NA	Proprietary Cycloaliphatic Diamine	10.0 -20.0 %
100-51-6	Benzenemethanol	5.0 -15.0 %
28064-14-4	Phenol-Formaldehyde Polymer	1.0 -10.0 %
129288-65-9	1,3-Butadiene, homopolymer, epoxidized, hydroxy-terminated	1.0 -10.0 %
68609-97-2	Oxirane, Mono.((C12-14-alkyloxy)methyl). derivs.	1.0 -5.0 %
NA	Proprietary Cycloaliphatic Amine	1.0 -5.0 %
NA	Proprietary Cycloaliphatic Aromatic Amine	1.0 -5.0 %
98-54-4	4-tert-Butylphenol	1.0 -5.0 %
1477-55-0	1,3-Benzenedimethanamine	1.0 -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:** Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash contaminated clothing before reuse.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
- In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Fire Fighting Measures

- Flash Pt:** > 160.00 C
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Carbon dioxide, dry chemical powder, or appropriate foam.
- Unsuitable Extinguishing Media:** Water spray.
- 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

- Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Avoid contact with skin and eyes. Wash thoroughly after handling.
- Precautions To Be Taken in Storing:** Store at <-40 deg.C.

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.
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
NA	Proprietary Polyamide	No data.	No data.	No data.
NA	Proprietary Cycloaliphatic Diamine	No data.	No data.	No data.
100-51-6	Benzenemethanol	No data.	No data.	No data.
28064-14-4	Phenol-Formaldehyde Polymer	No data.	No data.	No data.

129288-65-9	1,3-Butadiene, homopolymer, epoxidized, hydroxy-terminated	No data.	No data.	No data.
68609-97-2	Oxirane, Mono.(C12-14-alkyloxy)methyl. derivs.	No data.	No data.	No data.
NA	Proprietary Cycloaliphatic Amine	No data.	No data.	No data.
NA	Proprietary Cycloaliphatic Aromatic Amine	No data.	No data.	No data.
98-54-4	4-tert-Butylphenol	No data.	No data.	No data.
1477-55-0	1,3-Benzenedimethanamine	No data.	CEIL: 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:** Handle with gloves.
- 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.
- 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: amber. Liquid.
Odor: amine-like.
- pH:** No data.
- Melting Point:** No data.
- Boiling Point:** No data.
- Flash Pt:** > 160.00 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):** 1.2
- Solubility in Water:** No data.

Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.

10. Stability and Reactivity

Reactivity: No data available.
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, sodium hypochlorite.
Hazardous Decomposition or Byproducts: -Carbon oxides. Nitrogen oxides, Ammonia.
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 corrosion/irritation.
Sensitization: Skin sensitization.

12. Ecological Information

General Ecological Information: Toxic to aquatic life with long lasting effects.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container according to local, state and federal environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. Benzene-1,3-dimethaneamine)
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN2735 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. (Benzene-1,3-dimethaneamine)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. (Benzene-1,3-dimethaneamine)

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
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
NA	Proprietary Polyamide	No	No	No
NA	Proprietary Cycloaliphatic Diamine	No	No	No
100-51-6	Benzenemethanol	No	No	No
28064-14-4	Phenol-Formaldehyde Polymer	No	No	No
129288-65-9	1,3-Butadiene, homopolymer, epoxidized, hydroxy-terminated	No	No	No
68609-97-2	Oxirane, Mono.((C12-14-alkyloxy)methyl.). derivs.	No	No	No
NA	Proprietary Cycloaliphatic Amine	No	No	No
NA	Proprietary Cycloaliphatic Aromatic Amine	No	No	No
98-54-4	4-tert-Butylphenol	No	No	No
1477-55-0	1,3-Benzenedimethanamine	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
NA	Proprietary epoxy resin	TSCA: Inventory
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
NA	Proprietary Polyamide	TSCA: Inventory
NA	Proprietary Cycloaliphatic Diamine	TSCA: Inventory
100-51-6	Benzenemethanol	TSCA: Inventory
28064-14-4	Phenol-Formaldehyde Polymer	TSCA: Inventory
129288-65-9	1,3-Butadiene, homopolymer, epoxidized, hydroxy-terminated	TSCA: Inventory
68609-97-2	Oxirane, Mono.((C12-14-alkyloxy)methyl.). derivs.	TSCA: Inventory, 8A
NA	Proprietary Cycloaliphatic Amine	TSCA: Inventory
NA	Proprietary Cycloaliphatic Aromatic Amine	TSCA: Inventory
98-54-4	4-tert-Butylphenol	TSCA: Inventory, 8A PAIR
1477-55-0	1,3-Benzenedimethanamine	TSCA: Inventory

16. Other Information

Revision Date: 03/14/2018

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.