

1. Product and Company Identification

Product Code: 0168
Product Name: 0168
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 1B
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1



GHS Signal Word: Danger
GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.
 H318 - Causes serious 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.
 P280 - Wear protective gloves/eye protection/face protection.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
GHS Response Phrases: P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P363 - Wash contaminated clothing before reuse.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P310 - Immediately call a poison control center or doctor.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
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 burns. 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
68082-29-1	Fatty amidoamine resin	30.0 -60.0 %
12001-26-2	Mica-group minerals	20.0 -30.0 %
25068-38-6	Bisphenol-a based epoxy resin	15.0 -25.0 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	2.0 -5.0 %
61788-32-7	Hydrogenated terphenyls	2.0 -5.0 %
122-60-1	Phenyl glycidyl ether	0.1 -5.0 %
1333-86-4	Carbon black	0.1 -1.0 %
26140-60-3	Terphenyls (o-, m-, p-)	0.1 -1.0 %
14808-60-7	Quartz	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. 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 eyes, skin, and clothing. Use with adequate ventilation. Avoid ingestion and inhalation.

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
68082-29-1	Fatty amidoamine 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.
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No data.	No data.	No data.
61788-32-7	Hydrogenated terphenyls	No data.	No data.	No data.
122-60-1	Phenyl glycidyl ether	PEL: 10 ppm	TLV: 0.1 ppm	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3 mg/m3 (IHL)	No data.
26140-60-3	Terphenyls (o-, m-, p-)	CEIL: 1 ppm	CEIL: 5 mg/m3	No data.
14808-60-7	Quartz	PEL: 8825 ppm/(%SiO2+5)	TLV: 0.05 mg/m3 (R)	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.): 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. Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Appearance: Black. Liquid. Odor: amine-like.	
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 [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, Strong acids, sodium hypochlorite. Peroxides.
Hazardous Decomposition or Byproducts:	Carbon oxides, Nitrogen oxides.
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:	Serious eye damage/irritation. Skin corrosion/irritation.
Sensitization:	Skin sensitization.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method:	Observe all federal, state, and local environmental regulations.
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Triethylenetetramine Mixture.
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN2259 **Packing Group:** II



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. (Triethylenetetramine, C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer)
UN Number: 2735 **Packing Group:** II
Hazard Class: 8 - CORROSIVE
IMDG MFAG Number:

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Triethylenetetramine Mixture.

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)
68082-29-1	Fatty amidoamine resin	No	No	No
12001-26-2	Mica-group minerals	No	No	No
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No
61788-32-7	Hydrogenated terphenyls	No	No	No
122-60-1	Phenyl glycidyl ether	No	No	No
1333-86-4	Carbon black	No	No	No
26140-60-3	Terphenyls (o-, m-, p-)	No	No	No
14808-60-7	Quartz	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68082-29-1	Fatty amidoamine resin	TSCA: Inventory
12001-26-2	Mica-group minerals	TSCA: Inventory
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Inventory
61788-32-7	Hydrogenated terphenyls	TSCA: Inventory
122-60-1	Phenyl glycidyl ether	TSCA: Inventory, 4 Test, 8A
1333-86-4	Carbon black	TSCA: Inventory
26140-60-3	Terphenyls (o-, m-, p-)	TSCA: Inventory
14808-60-7	Quartz	TSCA: Inventory

16. Other Information

Revision Date: 11/14/2017

**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.