

1. Product and Company Identification

Product Code: 0159B
Product Name: 0159 Part B
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: Hardener for two part adhesive

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1C
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.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 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.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: 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: May cause severe irritation and possible burns.
Skin Contact: Causes skin burns. May cause allergic reaction.
Eye Contact: Causes serious eye damage.
Ingestion: May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
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 %
68443-08-3	Amidoamine resin	10.0 -30.0 %
80-05-7	4,4'-Isopropylidenediphenol	1.0 -5.0 %
112945-52-5	Silica, amorphous treated	1.0 -5.0 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	1.0 -5.0 %
13463-67-7	Titanium dioxide	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: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately.
In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: 102.00 C Method Used: TAG Open Cup
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NA
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. Use water spray to keep fire-exposed containers cool.
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 in a well-ventilated area. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

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
68082-29-1	Fatty amidoamine resin	No data.	No data.	No data.
68443-08-3	Amidoamine resin	No data.	No data.	No data.
80-05-7	4,4'-Isopropylidenediphenol	No data.	No data.	No data.
112945-52-5	Silica, amorphous treated	No data.	No data.	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 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: Cream. Paste.
Odor: ammonia-like.

Melting Point: No data.

Boiling Point: 334.00 C

Flash Pt: 102.00 C Method Used: TAG Open Cup

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): 0.9

Solubility in Water: No data.

Percent Volatile: No data.

Autoignition Pt: NA

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Incompatible materials, Excess heat.

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

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.

Sensitization: Skin sensitization.

Carcinogenicity/Other Information: Ingredient CAS# 13463-67-7: IARC: Group 2B carcinogen.

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: Consumer Commodity.

DOT Hazard Class:

UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Corrosive liquid, basic, organic, n.o.s. (Amidoamine Resin)

UN Number: 3267 **Packing Group:** III

Hazard Class: 8 - CORROSIVE

IMDG MFAG Number:

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Corrosive liquid, basic, organic, n.o.s. (Amidoamine resin)

UN Number: 3267 **Packing Group:** III

Hazard Class: 8 - CORROSIVE

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
68443-08-3	Amidoamine resin	No	No	No
80-05-7	4,4'-Isopropylidenediphenol	No	No	Yes
112945-52-5	Silica, amorphous treated	No	No	No
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No
13463-67-7	Titanium dioxide	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68082-29-1	Fatty amidoamine resin	TSCA: Yes - Inventory
68443-08-3	Amidoamine resin	TSCA: Yes - Inventory
80-05-7	4,4'-Isopropylidenediphenol	TSCA: Yes - Inventory, 4 Test
112945-52-5	Silica, amorphous treated	TSCA: Yes - Inventory
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Yes - Inventory
13463-67-7	Titanium dioxide	TSCA: Yes - Inventory

16. Other Information

Revision Date: 12/18/2015

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.