

This SDS complies with the US OSHA HCS 2024.

1. Product and Company Identification

Product Code: 5070
Product Name: 5070
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
Aquatic Toxicity (Chronic), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H411 - Toxic to aquatic life with long lasting effects.

GHS Precautionary Phrases: P260 - Do not breathe vapors, mist or spray.
 P264 - Wash hands thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P273 - Avoid release to the environment.

GHS Response Phrases: 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.
 P362+364 - Take off contaminated clothing and wash it before reuse.
 P391 - Collect spillage.

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

Inhalation:	Causes respiratory tract irritation. Harmful if inhaled.
Skin Contact:	May be harmful if absorbed through the skin. Causes skin irritation. May cause an allergic skin reaction. Causes skin burns.
Eye Contact:	Causes eye irritation. 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
25068-38-6	Bisphenol-a based epoxy resin	70.0 -80.0 %
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	15.0 -25.0 %
2530-83-8	3-Glycidoxypopyltrimethoxysilane	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:	If breathed in, move person into fresh air. Consult a physician. If not breathing, give artificial respiration.
In Case of Skin Contact:	Wash off with soap and plenty of water.
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:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Signs and Symptoms Of Exposure:	Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Cough, Shortness of breath, Headache. Nausea.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Point:	> 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.
Unsuitable Extinguishing Media:	Do not use water jet.
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:	Carbon oxides, Nitrogen oxides, formaldehyde, silicon oxides.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
Environmental precautions.
Do not let product enter drains. Discharge into the environment must be avoided.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. 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.
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	No data.	No data.	No data.
2530-83-8	3-Glycidoxypropyltrimethoxysilane	No data.	No data.	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.): No data available.

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: Clear. Liquid.
Odor: amine-like.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Point: > 93.00 C

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure: No data.

Vapor Density (vs. Air=1): No data.

Specific Gravity (Water=1): ~1.1

Solubility in Water: No data.

Saturated Vapor Concentration: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: 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, acids, Amines, bases, Strong acids, Water.

Hazardous Decomposition or Byproducts: formed under fire conditions. Nature of decomposition products unknown. Carbon oxides, nitrogen oxides (NOx), Ammonia.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Keep away from heat and sources of ignition.

11. Toxicological Information

Toxicological Information: No data available.

Irritation or Corrosion: Serious eye damage/irritation. Skin corrosion/irritation.

Sensitization: Skin sensitization.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: Toxic to aquatic life with long lasting effects. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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: Corrosive liquids, flammable, n.o.s. (Polyoxypropylenediamine)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN2735 **Packing Group:** III



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

UN Number: UN2735

Hazard Class: 8 - CORROSIVE

Packing Group: III

TDG Classification:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Amines, liquid, corrosive, n.o.s. (polyoxypropylenediamine).

UN Number: UN2735

Hazard Class: 8 - CORROSIVE

Packing Group: III

IMDG MFAG Number:

Marine Pollutant: No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Corrosive liquids, flammable, n.o.s. (Polyoxypropylenediamine)

UN Number: UN2735

Hazard Class: 8 - CORROSIVE

Packing Group: III

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
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	No	No	No
2530-83-8	3-Glycidoxypopyltrimethoxysilane	No	No	No

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Yes - Inventory CA PROP.65: No
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	TSCA: Yes - Inventory CA PROP.65: No
2530-83-8	3-Glycidoxypopyltrimethoxysilane	TSCA: Yes - Inventory, 8A CA PROP.65: No

International Regulatory Lists

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
25068-38-6	Bisphenol-a based epoxy resin	REACH: Yes - (P)
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	REACH: Yes - (P), 01-2119557899-12: Full
2530-83-8	3-Glycidoxypopyltrimethoxysilane	REACH: Yes - (P), 01-2119513212-58: Full

16. Other Information

Revision Date: 06/02/2025

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.