

1. Product and Company Identification

Product Code: 5032
Product Name: 5032
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 2
Skin Sensitization, Category 1
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Aquatic Toxicity (Chronic), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H312 - Harmful in contact with skin.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H340 - May cause genetic defects .
 H350 - May cause cancer .
 H411 - Toxic to aquatic life with long lasting effects.

GHS Precautionary 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.
 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.

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.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P362+364 - Take off contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

P391 - Collect spillage.

GHS Storage and Disposal

P405 - Store locked up.

Phrases:

P501 - Dispose of contents/container according to national and local regulations.

Emergency Overview:

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

Inhalation: Harmful if inhaled. May cause allergic respiratory reaction.

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
25068-38-6	Bisphenol-a based epoxy resin	70.0 -80.0 %
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	10.0 -30.0 %
25322-69-4	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro.-omega.-hydroxy-	1.0 -5.0 %
102-71-6	Triethanolamine	0.1 -5.0 %
140-31-8	1-(2-Aminoethyl)piperazine	0.1 -1.0 %
64742-95-6	SC-100 Solvent	0.1 -0.5 %
111-40-0	Diethylenetriamine	0.0 -0.1 %
98-82-8	Cumene	26.0 -39.0 PPM
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	10.0 -35.0 PPM

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 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.

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. Avoid ingestion and inhalation. Use only in a well ventilated area. Normal measures for preventive fire protection.

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
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.
25322-69-4	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-	No data.	TLV: 5 mg/m3	No data.
102-71-6	Triethanolamine	No data.	TLV: 5 mg/m3	No data.
140-31-8	1-(2-Aminoethyl)piperazine	No data.	No data.	No data.
64742-95-6	SC-100 Solvent	No data.	No data.	No data.
111-40-0	Diethylenetriamine	No data.	TLV: 1 ppm	No data.
98-82-8	Cumene	PEL: 50 ppm	TLV: 50 ppm	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	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:	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 adequate general or local exhaust ventilation to keep airborne concentrations below the permissible 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: colorless. Liquid. Odor: weak odor.	
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 acids, Strong bases, Strong oxidizing agents, Strong reducing agents.

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: Respiratory and skin sensitization.

12. Ecological Information

General Ecological Information: 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: Amines, liquid, corrosive, n.o.s. (polyoxypropylenediamine).

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. (polyoxypropylenediamine).

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

Hazard Class: 8 - CORROSIVE

IMDG MFAG Number:

Marine Pollutant: Yes

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Amines, liquid, corrosive, n.o.s. (polyoxypropylenediamine).

UN Number: UN2735 **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)
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	No	No	No
25322-69-4	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-	No	No	No
102-71-6	Triethanolamine	No	No	No
140-31-8	1-(2-Aminoethyl)piperazine	No	No	No
64742-95-6	SC-100 Solvent	No	No	No
111-40-0	Diethylenetriamine	No	No	No
98-82-8	Cumene	No	Yes NA	Yes
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No

California Proposition 65



WARNING

This product can expose you to chemicals including Cumene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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
25322-69-4	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-	TSCA: Yes - Inventory CA PROP.65: No
102-71-6	Triethanolamine	TSCA: Yes - Inventory, 8D TERM CA PROP.65: No
140-31-8	1-(2-Aminoethyl)piperazine	TSCA: Yes - Inventory CA PROP.65: No
64742-95-6	SC-100 Solvent	TSCA: Yes - Inventory CA PROP.65: No
111-40-0	Diethylenetriamine	TSCA: Yes - Inventory CA PROP.65: No
98-82-8	Cumene	TSCA: Yes - Inventory CA PROP.65: Yes: Canc.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Yes - Inventory CA PROP.65: No

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
25322-69-4	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-	REACH: Yes - (P), 01-2119493630-37: Full
102-71-6	Triethanolamine	REACH: Yes - (P), 01-2119486482-31: Full
140-31-8	1-(2-Aminoethyl)piperazine	REACH: Yes - (P), 01-2119471486-30: Full
64742-95-6	SC-100 Solvent	REACH: Yes - (P), 01-2119486773-24: Full, C2, M2
111-40-0	Diethylenetriamine	REACH: Yes - (P), 01-2119473793-27: Full
98-82-8	Cumene	REACH: Yes - (P), 01-2119473983-24: Full
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	REACH: Yes - (P), 01-2120922689-41: Intermediate

16. Other Information

Revision Date: 02/10/2025

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.