

1. Product and Company Identification

Product Code: 3276
Product Name: 3276
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
Respiratory Sensitization, Category 1
Skin Sensitization, Category 1
Toxic To Reproduction, Category 1A
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.
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H360 - May damage fertility or the unborn child .
 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.
 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.
 P285 - In case of inadequate ventilation wear respiratory 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.
 P341 - If breathing is difficult, remove 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.
 P342+311 - If experiencing respiratory symptoms call a POISON CENTER or

doctor/physician.
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 and national regulations.

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

Potential Health Effects (Acute and Chronic):

Inhalation: May cause respiratory tract irritation. May cause allergic respiratory reaction.

Skin Contact: Causes skin burns. May cause allergic skin reaction.

Eye Contact: Causes eye burns.

Ingestion: Causes gastrointestinal tract burns.

Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25085-99-8	Oxirane, 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxyme thy	5.0 -30.0 %
NA	Reactive Diluent	1.0 -10.0 %
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	1.0 -10.0 %
NA	Proprietary Ethyleneamine	0.1 -5.0 %
NA	Proprietary Tertiary Amine	0.1 -5.0 %
NA	Proprietary Cyclic Diamine	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: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Rinse mouth with water. Get medical aid immediately.

Note to Physician: Treat symptomatically.

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 dry chemical, carbon dioxide, or alcohol-resistant 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:	Carbon oxides, Toxic and irritating vapors.	

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use proper personal protective equipment as indicated in Section 8.
Environmental Precautions:	Do not let product enter drains. Avoid release to the environment.
Steps To Be Taken In Case Material Is Released Or Spilled:	Stop leak if you can do it without risk. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapor or mist. Use with adequate ventilation.
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
25085-99-8	Oxirane, 2,2'-[(1-Methylethylidene)bis(4,1-phenyl eneoxymethy	No data.	No data.	No data.
NA	Reactive Diluent	No data.	No data.	No data.
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	No data.	No data.	No data.
NA	Proprietary Ethyleneamine	No data.	No data.	No data.
NA	Proprietary Tertiary Amine	No data.	TLV: 5 mg/m3	No data.
NA	Proprietary Cyclic Diamine	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:	Wear safety glasses with side shields (or goggles) and a face shield.
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 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 thoroughly after handling.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: Gray. Paste.
Odor: weak odor.

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): ~2.16

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 reducing agents.

Hazardous Decomposition or Byproducts: formed under fire conditions. Carbon oxides, nitrogen oxides (NOx).

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: Respiratory and skin sensitization.

Chronic Toxicological Effects: Suspected of damaging fertility or the unborn child .

Carcinogenicity/Other Information: Ingredient CAS# Proprietary Tertiary Amine: IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans. NTP: Reasonably anticipated to be a human carcinogen .

12. Ecological Information

General Ecological Information: Harmful 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)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxypropylenediamine)

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)
25085-99-8	Oxirane, 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethy	No	No	No
NA	Reactive Diluent	No	No	No
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	No	No	No
NA	Proprietary Ethyleneamine	No	No	No
NA	Proprietary Tertiary Amine	No	No	No
NA	Proprietary Cyclic Diamine	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25085-99-8	Oxirane, 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethy	TSCA: Yes - Inventory

NA	Reactive Diluent	TSCA: Yes - Inventory
9046-10-0	*Poly(oxy(methyl-1,2-ethanediyl)	TSCA: Yes - Inventory
NA	Proprietary Ethyleneamine	TSCA: Yes - Inventory
NA	Proprietary Tertiary Amine	TSCA: Yes - Inventory
NA	Proprietary Cyclic Diamine	TSCA: Yes - Inventory

16. Other Information

Revision Date: 07/17/2017

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.