

1. Product and Company Identification

Product Code: 5432A
Product Name: 5432A
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: Resin for two part adhesive

2. Hazards Identification

Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 2
Skin Sensitization, Category 1
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 1
Aquatic Toxicity (Acute), Category 2
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.
 H319 - Causes serious eye irritation.
 H361 - Suspected of damaging fertility or the unborn child .
 H372 - Causes damage to organs through prolonged or repeated exposure.
 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.
 P270 - Do not eat, drink or smoke when using this product.
 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.
 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.
 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.
OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):
Inhalation: May cause respiratory tract irritation.
Skin Contact: Causes skin burns. May cause allergic skin reaction.
Eye Contact: Causes serious eye damage.
Ingestion: 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
25068-38-6	Bisphenol-a based epoxy resin	30.0 -40.0 %
28064-14-4	Phenol-Formaldehyde Polymer	30.0 -40.0 %
84852-15-3	Phenol, 4-nonyl-, branched	10.0 -20.0 %
14228-73-0	Oxirane, 2,2'-[1,4-Cyclohexanediy]bis(methyleneoxymethyl ene)	5.0 -10.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	5.0 -10.0 %
68609-97-2	Oxirane, Mono.((C12-14-alkyloxy)methyl.). derivs.	1.0 -5.0 %
13463-67-7	Titanium dioxide	1.0 -5.0 %
7631-86-9	Silica	0.0 -1.0 %
21645-51-2	Aluminum hydroxide	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.

Note to Physician: Treat symptomatically and supportively.

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: Remove all sources of ignition. Ensure adequate ventilation. Do not let product enter drains. Evacuate area. 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. Do not ingest or inhale. Normal measures for preventive fire protection.

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
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
28064-14-4	Phenol-Formaldehyde Polymer	No data.	No data.	No data.
84852-15-3	Phenol, 4-nonyl-, branched	No data.	No data.	No data.
14228-73-0	Oxirane, 2,2'-[1,4-Cyclohexanediy]bis(methylene oxymethylene)	No data.	No data.	No data.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No data.	No data.	No data.
68609-97-2	Oxirane, Mono.(C12-14-alkyloxy)methyl.). derivs.	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.
7631-86-9	Silica	No data.	No data.	No data.
21645-51-2	Aluminum hydroxide	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.):	Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended 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 hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Appearance: White. 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):	~1	
Solubility in Water:	No data.	
Percent Volatile:	0.0 % by volume.	
Autoignition Pt:	No data.	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]	
Conditions To Avoid - Instability:	Excess heat.	
Incompatibility - Materials To Avoid:	Oxidizing agents.	
Hazardous Decomposition or Byproducts:	Carbon 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.
Chronic Toxicological Effects: May damage fertility. May damage the unborn child.

12. Ecological Information

General Ecological Information: Toxic to aquatic life with long lasting effects.

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: Not Regulated.
DOT Hazard Class:
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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
28064-14-4	Phenol-Formaldehyde Polymer	No	No	No
84852-15-3	Phenol, 4-nonyl-, branched	No	No	No
14228-73-0	Oxirane, 2,2'-[1,4-Cyclohexanediy]bis(methyleneoxymethyl ene)	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
68609-97-2	Oxirane, Mono.(.(C12-14-alkyloxy)methyl.). derivs.	No	No	No
13463-67-7	Titanium dioxide	No	No	No
7631-86-9	Silica	No	No	No
21645-51-2	Aluminum hydroxide	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Yes - Inventory
28064-14-4	Phenol-Formaldehyde Polymer	TSCA: Yes - Inventory
84852-15-3	Phenol, 4-nonyl-, branched	TSCA: Yes - Inventory, 4 Test, 8A PAIR
14228-73-0	Oxirane,	TSCA: Yes - Inventory, 4 Test, 8A

	2,2'-[1,4-Cyclohexanedylbis(methyleneoxymethyl ene)	
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	TSCA: Yes - Inventory, 8A, 8A PAIR
68609-97-2	Oxirane, Mono.(.(C12-14-alkyloxy)methyl). derivs.	TSCA: Yes - Inventory, 4 Test, 8A
13463-67-7	Titanium dioxide	TSCA: Yes - Inventory
7631-86-9	Silica	TSCA: Yes - Inventory
21645-51-2	Aluminum hydroxide	TSCA: Yes - Inventory

16. Other Information

Revision Date: 07/14/2015

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.