

1. Product and Company Identification

Product Code: 3072B
Product Name: 3072B
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

Flammable Liquids, Category 3
Acute Toxicity: Oral, Category 4
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/Irritation, Category 1C
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H226 - Flammable liquid and vapor.
 H302 - Harmful if swallowed.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H332 - Harmful if inhaled.
 H351 - Suspected of causing cancer .
 H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 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.
 P271 - Use only outdoors or in a well-ventilated area.
 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.
 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.
 P330 - Rinse mouth.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P370+378 - In case of fire, use appropriate media to extinguish.

GHS Storage and Disposal Phrases:

P403+235 - Store in cool/well-ventilated place.
 P405 - Store locked up.
 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: Harmful if inhaled.
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

Percentage of mixture consisting of ingredients of unknown toxicity:45.4

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
108-10-1	Methyl isobutyl ketone	10.0 -20.0 %
100-51-6	Benzenemethanol	10.0 -20.0 %
108-94-1	Cyclohexanone	5.0 -10.0 %
110-43-0	2-Heptanone	5.0 -10.0 %
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	1.0 -5.0 %
103-83-3	N,N-Dimethylbenzylamine	1.0 -5.0 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	1.0 -5.0 %
35141-30-1	N-(2-Aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	1.0 -5.0 %
NA	Silanes and their derivatives	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:** 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:** < 35.00 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. Do not let product enter drains. Prevent further leakage or spillage if safe to do so. 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 breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
- Precautions To Be Taken in Storing:** Keep away from heat, sparks, and open flame. Store in a tightly closed container. 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
108-10-1	Methyl isobutyl ketone	PEL: 100 ppm	TLV: 20 ppm STEL: 75 ppm	No data.
100-51-6	Benzenemethanol	No data.	No data.	No data.
108-94-1	Cyclohexanone	PEL: 50 ppm	TLV: 20 ppm STEL: 50 ppm	No data.

110-43-0	2-Heptanone	PEL: 100 ppm	TLV: 50 ppm	No data.
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No data.	No data.	No data.
103-83-3	N,N-Dimethylbenzylamine	No data.	No data.	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No data.	No data.	No data.
35141-30-1	N-(2-Aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	No data.	No data.	No data.
NA	Silanes and their derivatives	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 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 ventilation to keep airborne concentrations low. Use explosion-proof ventilation equipment.
- Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

- Physical States:** [] Gas [X] Liquid [] Solid
- Appearance and Odor:** Appearance: Clear. Liquid.
Odor: weak odor.
- Melting Point:** No data.
- Boiling Point:** No data.
- Flash Pt:** < 35.00 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:** Strong oxidizing agents, Strong acids, Strong alkalis.
- Hazardous Decomposition or Byproducts:** Carbon oxides, Nitrogen oxides.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- Conditions To Avoid -** No data available.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.

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

Sensitization: Skin sensitization.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

Waste Disposal Method: D001

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Paint.

DOT Hazard Class: 3

FLAMMABLE LIQUID

UN/NA Number: 1263

Packing Group:

III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Paint.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Paint.

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)
108-10-1	Methyl isobutyl ketone	No	Yes 5000 LB	Yes
100-51-6	Benzenemethanol	No	No	No
108-94-1	Cyclohexanone	No	Yes 5000 LB	No
110-43-0	2-Heptanone	No	No	No
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No	No	No
103-83-3	N,N-Dimethylbenzylamine	No	No	No
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No
35141-30-1	N-(2-Aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	No	No	No
NA	Silanes and their derivatives	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
108-10-1	Methyl isobutyl ketone	TSCA: Yes - Inventory
100-51-6	Benzenemethanol	TSCA: Yes - Inventory
108-94-1	Cyclohexanone	TSCA: Yes - Inventory
110-43-0	2-Heptanone	TSCA: Yes - Inventory

90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	TSCA: Yes - Inventory
103-83-3	N,N-Dimethylbenzylamine	TSCA: Yes - Inventory
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Yes - Inventory
35141-30-1	N-(2-Aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	TSCA: Yes - Inventory
NA	Silanes and their derivatives	TSCA: Yes - Inventory

16. Other Information

Revision Date: 07/22/2016

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.