

1. Product and Company Identification

Product Code: 5432B
Product Name: 5432B
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

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Specific Target Organ Toxicity (single exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H351 - Suspected of causing cancer .
 H370 - Causes damage to organs

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.
 P280 - Wear protective gloves/eye protection/face protection.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 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.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases: 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 irritation. May cause allergic skin reaction.
Eye Contact: Causes eye irritation.
Ingestion: Harmful if swallowed.
Additional Information No data available.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|---|---------------|
| 68410-23-1 | Polyamide based resin | 25.0 -35.0 % |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | 1.0 -10.0 % |
| 67762-90-7 | Siloxanes and silicones, di-me, reaction products with silica | 1.0 -5.0 % |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | 1.0 -5.0 % |
| 1333-86-4 | Carbon black | 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 immediately.

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. Evacuate area. Isolate area and deny entry. 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 skin and eyes. Use only in a well-ventilated area. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

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 |
|------------|---|----------------|----------------|--------------|
| 68410-23-1 | Polyamide based resin | No data. | No data. | No data. |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | No data. | No data. | No data. |
| 67762-90-7 | Siloxanes and silicones, di-me, reaction products with silica | No data. | No data. | No data. |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | No data. | No data. | No data. |
| 1333-86-4 | Carbon black | PEL: 3.5 mg/m3 | TLV: 3.5 mg/m3 | 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.): 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: Wash thoroughly after handling.

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: Black. Paste.
Odor: sulfurous 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: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon oxides, Aldehydes, Acids.

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.

Sensitization: Skin sensitization.

12. Ecological Information

No data available.

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: | Polyamines, liquid, corrosive, n.o.s. (2,4,6-TRIS[DIMETHYLAMINOMETHYL] PHENOL) | | |
| DOT Hazard Class: | 8 | CORROSIVE | |
| UN/NA Number: | UN2735 | Packing Group: | III |



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Polyamines, liquid, corrosive, n.o.s. (2,4,6-TRIS[DIMETHYLAMINOMETHYL] PHENOL)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Polyamines, liquid, corrosive, n.o.s. (2,4,6-TRIS[DIMETHYLAMINOMETHYL] PHENOL)

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) |
|------------|---|--------------|-----------|--------------|
| 68410-23-1 | Polyamide based resin | No | No | No |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | No | No | No |
| 67762-90-7 | Siloxanes and silicones, di-me, reaction products with silica | No | No | No |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | No | No | No |
| 1333-86-4 | Carbon black | No | No | No |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|---|------------------------------------|
| 68410-23-1 | Polyamide based resin | TSCA: Yes - Inventory |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | TSCA: Yes - Inventory |
| 67762-90-7 | Siloxanes and silicones, di-me, reaction products with silica | TSCA: Yes - Inventory, 8A, 8A PAIR |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | TSCA: Yes - Inventory |
| 1333-86-4 | Carbon black | TSCA: Yes - Inventory |

16. Other Information

Revision Date: 07/28/2016

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.