

1. Product and Company Identification

Product Code: 3296
Product Name: 3296
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 2
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Toxic To Reproduction, Category 2
Aquatic Toxicity (Chronic), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H361 - Suspected of damaging 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.
 P261 - Avoid breathing 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.

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.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.
 P391 - Collect spillage.

GHS Storage and Disposal Phrases: P405 - Store locked up.
 P501 - Dispose of contents/container to according to national and local regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin burns. May be harmful if absorbed through the skin.
Eye Contact: Causes eye burns.
Ingestion: Harmful if swallowed.
Additional Information No data available.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|-----------|---|---------------|
| 7440-33-7 | Tungsten | 85.0 -95.0 % |
| 9003-36-5 | Phenol, polymer with (chloromethyl)oxirane and formaldehyde | 1.0 -10.0 % |
| NA | Proprietary Imidazole Blend | 0.1 -1.0 % |
| 288-32-4 | Imidazole | 0.1 -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 and shoes. Wash with soap and water. Get medical attention if irritation develops or persists.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid 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: Carbon oxides, Irritating and toxic gases.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Avoid release to the environment.

Steps To Be Taken In Case Material Is Released Or Spilled: Isolate area and deny entry. Provide ventilation. 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: Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

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 |
|-----------|---|----------|--------------------------------|--------------|
| 7440-33-7 | Tungsten | No data. | TLV: 5 mg/m3 STEL: 10 mg/m3 | No data. |
| 9003-36-5 | Phenol, polymer with (chloromethyl)oxirane and formaldehyde | No data. | No data. | No data. |
| NA | Proprietary Imidazole Blend | No data. | No data. | No data. |
| 288-32-4 | Imidazole | No data. | No data. | No data. |

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA or European Standard EN 29 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 process enclosures, 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. | |
| pH: | No data. | |
| 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): | ~9.3 | |
| Solubility in Water: | 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 oxidizing agents, Strong acids, Strong bases. |
| Hazardous Decomposition or Byproducts: | Nitrogen oxides, 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: Skin corrosion/irritation. Serious eye damage/irritation.
Sensitization: Skin sensitization.
Chronic Toxicological Effects: May damage fertility. May damage the unborn child.

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: Corrosive Liquid, basic, organic, n.o.s. (Imidazole)
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: 3267 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Corrosive Liquid, basic, organic, n.o.s. (Imidazole)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Corrosive Liquid, basic, organic, n.o.s. (Imidazole)

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) |
|-----------|---|--------------|-----------|--------------|
| 7440-33-7 | Tungsten | No | No | No |
| 9003-36-5 | Phenol, polymer with (chloromethyl)oxirane and formaldehyde | No | No | No |
| NA | Proprietary Imidazole Blend | No | No | No |
| 288-32-4 | Imidazole | No | No | No |

Other US EPA or State Lists

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-----------|---|-----------------------------|
| 7440-33-7 | Tungsten | TSCA: Inventory |
| 9003-36-5 | Phenol, polymer with (chloromethyl)oxirane and formaldehyde | TSCA: Inventory |
| NA | Proprietary Imidazole Blend | TSCA: Inventory |
| 288-32-4 | Imidazole | TSCA: Inventory |

16. Other Information

Revision Date: 01/31/2018

**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.