

## 1. Product and Company Identification

**Product Code:** 3039  
**Product Name:** 3039  
**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 1A**  
**Toxic To Reproduction, Category 1B**  
**Specific Target Organ Toxicity (repeated exposure), Category 1**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H360 - May damage fertility or the unborn child .  
 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.  
 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.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
 P362+364 - Take off contaminated clothing and wash it before reuse.

**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:** May cause mild skin irritation. May cause erythema (redness) and exfoliation.  
**Eye Contact:** Causes eye irritation. Causes redness and pain. May cause chemical conjunctivitis.  
**Ingestion:** This material may be harmful or fatal if swallowed.  
**Additional Information** 31.4% of mixture has unknown acute oral and dermal toxicity.

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
1332-58-7	Kaolin	20.0 -45.0 %
25068-38-6	Bisphenol-a based epoxy resin	25.0 -40.0 %
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-propanamine ]	10.0 -30.0 %
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	0.1 -5.0 %
108-88-3	Toluene	0.1 -1.0 %
13463-67-7	Titanium dioxide	0.0 -1.0 %
14808-60-7	Quartz	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:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.  
**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:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.  
**Flammable Properties and Hazards:** No data available.  
 No data available.

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled:** Isolate area and deny entry. Ventilate the area. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**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
1332-58-7	Kaolin	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 2 mg/m3 (E,R)	No data.
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-panamine]	No data.	No data.	No data.
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	No data.	No data.	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.
14808-60-7	Quartz	PEL: 8825 ppm/(%SiO2+5)	TLV: 0.05 mg/m3 (R)	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 adequate ventilation to keep airborne concentrations low. 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: 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):** ~1.2  
**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:** Water, Strong bases, Alcohols, Oxidizing materials.  
**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.  
**Carcinogenicity/Other Information:** Ingredient CAS# 14808-60-7: IARC: Group 1. NTP: Known to be a human Carcinogen.  
 Ingredient CAS# 13463-67-7: IARC: Group 2B carcinogen.

**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:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Environmentally hazardous substances, liquid, n.o.s.

**UN Number:** 3082 **Packing Group:** III

**Hazard Class:** 9 - CLASS 9

**IMDG MFAG Number:**

**IMDG EMS Page:**

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Environmentally hazardous substances, liquid, n.o.s.

**UN Number:** 3082 **Packing Group:** III

**Hazard Class:** 9 - CLASS 9

**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)
1332-58-7	Kaolin	No	No	No
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-propanamine ]	No	No	No
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes
13463-67-7	Titanium dioxide	No	No	No
14808-60-7	Quartz	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1332-58-7	Kaolin	TSCA: Yes - Inventory
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Yes - Inventory
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-propanamine ]	TSCA: Yes - Inventory
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	TSCA: Yes - Inventory
108-88-3	Toluene	TSCA: Yes - Inventory, 8A CAIR
13463-67-7	Titanium dioxide	TSCA: Yes - Inventory
14808-60-7	Quartz	TSCA: Yes - Inventory

## 16. Other Information

**Revision Date:** 08/20/2015

**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.