

## 1. Product and Company Identification

**Product Code:** 3483  
**Product Name:** 3483  
**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

**Acute Toxicity: Skin, Category 4**  
**Skin Corrosion/Irritation, Category 1B**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Skin Sensitization, Category 1**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Aquatic Toxicity (Chronic), Category 3**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H312 - Harmful in contact with skin.  
 H314 - Causes severe skin burns and eye damage.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.  
 H412 - Harmful to aquatic life with long lasting effects.

**GHS Precautionary Phrases:** P261 - Avoid breathing vapors,mist or spray.  
 P264 - Wash hands thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/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.

**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):** Hazards not otherwise classified (HNOC) or not covered by GHS -none.  
 Hazards not otherwise classified (HNOC) or not covered by GHS.

**Inhalation:** Inhalation of material may be harmful.  
**Skin Contact:** Causes skin burns.  
**Eye Contact:** Causes severe eye irritation.  
**Ingestion:** Harmful if swallowed.

**Additional Information**

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
1344-28-1	Aluminum oxide	25.0 -50.0 %
68683-29-4	Amine	9.375 -18.75 %
140-31-8	1-(2-Aminoethyl)piperazine	9.375 -18.75 %
25068-38-6	Bisphenol-a based epoxy resin	6.25 -12.5 %
26950-63-0	Triethylene-tetramine	0.75 -3.75 %
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	0.75 -3.75 %
13463-67-7	Titanium dioxide	0.25 -1.25 %
68609-97-2	Oxirane, Mono.((C12-14-alkyloxy)methyl). derivs.	0.25 -1.25 %
1333-86-4	Carbon black	0.25 -1.25 %
1317-65-3	Limestone	0.25 -1.25 %

**Additional Information** Exact percentages have been withheld as a trade secret.

**4. First Aid Measures**

**Emergency and First Aid Procedures:** Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

**In Case of Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In Case of Skin Contact:** Wash off with soap and plenty of water. Take off contaminated clothing and shoes immediately. Consult a physician.

**In Case of Eye Contact:** Flush eyes with water as a precaution. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting. Consult a physician.

**Indication of any immediate medical attention and special treatment needed:** No data available.

**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 extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary.

**Flammable Properties and Hazards:** No data available.

**Hazardous Combustion Products:** No data available.

## 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Avoid breathing vapors, mist or gas.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing.

**Precautions To Be Taken in Storing:** Store at -40 deg.C.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1344-28-1	Aluminum oxide	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.
68683-29-4	Amine	No data.	No data.	No data.
140-31-8	1-(2-Aminoethyl)piperazine	No data.	No data.	No data.
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
26950-63-0	Triethylene-tetramine	No data.	No data.	No data.
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TWA: 10 mg/m3 (Total dust)	No data.
68609-97-2	Oxirane, Mono.(C12-14-alkyloxy)methyl.). derivs.	No data.	No data.	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3 mg/m3 (IHL)	No data.
1317-65-3	Limestone	PEL: 15 (dust); 5 (resp.) mg/m3	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. Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Environmental Exposure Controls:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 9. Physical and Chemical Properties

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

**Appearance and Odor:** Appearance: Off-white. Liquid.  
Odor: amine-like.

**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):** No data.

**Density:** ~1.45

**Solubility in Water:** No data.

**Saturated Vapor Concentration:** No data.

**Octanol/Water Partition Coefficient:** No data.

**Autoignition Pt:** No data.

**Decomposition Temperature:** No data.

**Viscosity:** No data.

**Explosive Properties:** No data available.

**Information on other** No data available.

**hazards:**

**Information with regard to primary physical hazard:** No data available.

**Information with regard to secondary physical hazard:** No data available.

**10. Stability and Reactivity**

**Reactivity:** No data available.

**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 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.

**Sensitization:** Skin sensitization.

**12. Ecological Information**

No data available.

**Persistence and Degradability:** No data available.

**Mobility in Soil:** No data available.

**13. Disposal Considerations**

**Waste Disposal Method:** No data available.

**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 Substance, Liquid, n.o.s. (Epoxy Resin).

**UN Number:** UN3082

**Packing Group:** III

**Hazard Class:** 9 - CLASS 9

**IMDG MFAG Number:**

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

**ICAO/IATA Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Epoxy Resin).

**UN Number:** UN3082

**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)
1344-28-1	Aluminum oxide	No	No	Yes
68683-29-4	Amine	No	No	No
140-31-8	1-(2-Aminoethyl)piperazine	No	No	No
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
26950-63-0	Triethylene-tetramine	No	No	No
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	No	No	No
13463-67-7	Titanium dioxide	No	No	No
68609-97-2	Oxirane, Mono.(.(C12-14-alkyloxy)methyl.). derivs.	No	No	No
1333-86-4	Carbon black	No	No	No
1317-65-3	Limestone	No	No	No

**California Proposition 65**



**WARNING**

This product can expose you to chemicals including Titanium dioxide and Carbon black, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-28-1	Aluminum oxide	TSCA: Inventory
68683-29-4	Amine	TSCA: Inventory
140-31-8	1-(2-Aminoethyl)piperazine	TSCA: Inventory
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
26950-63-0	Triethylene-tetramine	TSCA: Inventory
112-24-3	1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)-	TSCA: Inventory
13463-67-7	Titanium dioxide	TSCA: Inventory CA PROP.65: Yes: Canc.
68609-97-2	Oxirane, Mono.(.(C12-14-alkyloxy)methyl.). derivs.	TSCA: Inventory, 8A
1333-86-4	Carbon black	TSCA: Inventory CA PROP.65: Yes: Canc.
1317-65-3	Limestone	TSCA: Inventory

## 16. Other Information

**Revision Date:** 10/12/2023

**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.