

## 1. Product and Company Identification

**Product Code:** 7800  
**Product Name:** 7800  
**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: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Toxic To Reproduction, Category 2**  
**Skin Sensitization, Category 1**  
**Toxic To Reproduction, Category 1B**  
**Specific Target Organ Toxicity (single exposure), Category 3**



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

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.  
 H360 - May damage fertility or the unborn child .  
 H361 - Suspected of damaging fertility or the unborn child .

**GHS Precautionary 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.  
 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.  
 P281 - Use personal protective equipment as required.

**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 - Rinse mouth.  
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 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.  
 P308+313 - IF exposed or concerned: Get medical attention/advice.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

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.

**Inhalation:** Harmful if inhaled. May cause respiratory tract irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin Contact:** Causes skin irritation. May cause allergic skin reaction.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Harmful if swallowed.

**Additional Information** No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
69102-90-5	Polybutadiene	50.0 -60.0 %
28182-81-2	Poly(hexamethylene diisocyanate)	10.0 -20.0 %
8001-79-4	Castor oil	10.0 -20.0 %
68611-44-9	Modified silicon dioxide	5.0 -10.0 %
119-47-1	Phenol,2,2'-methylenebis(1,1-dimethylethyl)-4-methyl-	0.1 -1.0 %
822-06-0	Hexamethylene-1,6-diisocyanate	0.0 -1.0 %
77-58-7	Organotin Compound (19% as tin)	0.0 -0.1 %

**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 Point:** > 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:** Ensure adequate ventilation. Isolate area and deny entry. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. 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:** 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
69102-90-5	Polybutadiene	No data.	No data.	No data.
28182-81-2	Poly(hexamethylene diisocyanate)	No data.	No data.	No data.
8001-79-4	Castor oil	No data.	No data.	No data.
68611-44-9	Modified silicon dioxide	No data.	No data.	No data.
119-47-1	Phenol,2,2'-methylenebis(6-(1,1-dimethylethyl)-4-methyl-	No data.	No data.	No data.
822-06-0	Hexamethylene-1,6-diisocyanate	TWA: 5 mg/m3	TLV: 0.005 ppm	No data.
77-58-7	Organotin Compound (19% as tin)	No data.	TWA: 0.1 mg/m3 STEL: 0.2 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 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 enclosure, 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 hands before breaks and at the end of workday.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas    [ X ] Liquid    [ ] Solid	
<b>Appearance and Odor:</b>	Appearance: Clear. Paste. Odor: aromatic odor.	
<b>pH:</b>	No data.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	No data.	
<b>Flash Point:</b>	> 93.00 C	
<b>Evaporation Rate:</b>	No data.	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure:</b>	No data.	
<b>Vapor Density (vs. Air=1):</b>	No data.	
<b>Specific Gravity (Water=1):</b>	No data.	
<b>Solubility in Water:</b>	No data.	
<b>Saturated Vapor Concentration:</b>	No data.	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Autoignition Pt:</b>	No data.	
<b>Decomposition Temperature:</b>	No data.	
<b>Viscosity:</b>	No data.	

Information with regard to primary physical hazard:

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ X ]    Stable [ ]	
<b>Conditions To Avoid - Instability:</b>	Product will cure at ambient temperatures. Keep in cold storage until ready to use.	
<b>Incompatibility - Materials To Avoid:</b>	Oxidizing agents, Strong bases, Strong acids.	
<b>Hazardous Decomposition or Byproducts:</b>	Carbon oxides, Nitrogen oxides.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]	Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.	

**11. Toxicological Information**

**Toxicological Information:** No data available.  
**Sensitization:** Respiratory and 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:** Other regulated substances, liquid, n.o.s. (contains Hexamethylene-1,6-Diisocyanate)  
**DOT Hazard Class:** 9 CLASS 9  
**UN/NA Number:** NA3082  
**Packing Group:** III



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

**IMDG/IMO Shipping Name:** Not Regulated.  
**UN Number:** NA  
**Hazard Class:** None - No hazard class  
**Packing Group:** NA  
**IMDG MFAG Number:**

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

**ICAO/IATA Shipping Name:** Not Regulated.  
**UN Number:** NA  
**Hazard Class:** None - No hazard class  
**Packing Group:** NA

**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)
69102-90-5	Polybutadiene	No	No	No
28182-81-2	Poly(hexamethylene diisocyanate)	No	No	No
8001-79-4	Castor oil	No	No	No
68611-44-9	Modified silicon dioxide	No	No	No
119-47-1	Phenol,2,2'-methylenebis6-(1,1-dimethylethyl)-4-methyl-	No	No	No
822-06-0	Hexamethylene-1,6-diisocyanate	No	Yes NA	Yes-Cat. N120, N106
77-58-7	Organotin Compound (19% as tin)	No	No	No

**Other US EPA or State Lists**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
69102-90-5	Polybutadiene	TSCA: Inventory
28182-81-2	Poly(hexamethylene diisocyanate)	TSCA: Inventory
8001-79-4	Castor oil	TSCA: Inventory
68611-44-9	Modified silicon dioxide	TSCA: Inventory
119-47-1	Phenol,2,2'-methylenebis6-(1,1-dimethylethyl)-4-methyl-	TSCA: Inventory

