

## 1. Product and Company Identification

**Product Code:** 7308  
**Product Name:** 7308  
**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 3**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Skin Sensitization, Category 1**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Specific Target Organ Toxicity (repeated exposure), Category 1**



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

**GHS Hazard Phrases:** H316 - Causes mild skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.  
 H372 - Causes damage to organs - Respiratory irritation. through prolonged or repeated exposure.

**GHS Precautionary Phrases:** 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.  
 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.

**GHS Response Phrases:** 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.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P314 - Get medical attention/advice 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.

**Emergency Overview:**

**OSHA Regulatory Status:** This material is classified as hazardous under OSHA regulations.

**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
1344-28-1	Aluminum oxide	<75.0 %
8001-79-4	Castor oil	5.0 -10.0 %
28182-81-2	Poly(hexamethylene diisocyanate)	5.0 -10.0 %
143-28-2	(Z)-Octadec-9-enol	1.0 -5.0 %
NA	Proprietary Amide S	1.0 -5.0 %
1309-37-1	Iron oxide (Fe2O3)	0.0 -1.0 %
NA	Proprietary Amide T	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:** 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:** Use proper personal protective equipment as indicated in Section 8. Provide ventilation. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Discharge into the environment must be avoided.

## 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
1344-28-1	Aluminum oxide	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.
8001-79-4	Castor oil	No data.	No data.	No data.
28182-81-2	Poly(hexamethylene diisocyanate)	No data.	No data.	No data.
143-28-2	(Z)-Octadec-9-enol	No data.	No data.	No data.
NA	Proprietary Amide S	No data.	No data.	No data.
1309-37-1	Iron oxide (Fe2O3)	PEL: 10 mg/m3	TLV: 5 mg/m3 (dust & fume)	No data.
NA	Proprietary Amide T	No data.	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.

**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 adequate general or local exhaust ventilation to keep airborne concentrations below the permissible 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:** Red.  
aromatic odor.

**pH:** No data.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Point:** > 93.00 C

**Evaporation Rate:** No data.

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure:** No data.

**Vapor Density (vs. air):** No data.

**Air=1):**

**Specific Gravity (Water=1):** No data.

**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.

Information with regard to primary physical hazard:

**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:** Oxidizing agents, acids, bases.

**Hazardous Decomposition or Byproducts:** Carbon oxides, Nitrogen 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.  
**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:** 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 **Packing Group:** NA  
**Hazard Class:** None - No hazard class  
**IMDG MFAG Number:**

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

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

**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
8001-79-4	Castor oil	No	No	No
28182-81-2	Poly(hexamethylene diisocyanate)	No	No	No
143-28-2	(Z)-Octadec-9-enol	No	No	No
NA	Proprietary Amide S	No	No	No
1309-37-1	Iron oxide (Fe2O3)	No	No	No
NA	Proprietary Amide T	No	No	No

**Other US EPA or State Lists**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-28-1	Aluminum oxide	TSCA: Inventory
8001-79-4	Castor oil	TSCA: Inventory
28182-81-2	Poly(hexamethylene diisocyanate)	TSCA: Inventory
143-28-2	(Z)-Octadec-9-enol	TSCA: Inventory
NA	Proprietary Amide S	
1309-37-1	Iron oxide (Fe2O3)	TSCA: Inventory
NA	Proprietary Amide T	

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
1344-28-1	Aluminum oxide	REACH: (P), 01-2119817795-27: Full
8001-79-4	Castor oil	REACH: (P)
28182-81-2	Poly(hexamethylene diisocyanate)	REACH: (P), 01-2119970543-34: Full
143-28-2	(Z)-Octadec-9-enol	REACH: (P), 01-2119489408-24: Full
NA	Proprietary Amide S	
1309-37-1	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	REACH: (P), 01-2119457614-35: Full
NA	Proprietary Amide T	

## 16. Other Information

**Revision Date:** 02/08/2024      **Previous revision:** 05/25/2022

**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.