

## 1. Product and Company Identification

**Product Code:** 7300  
**Product Name:** 7300  
**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: Inhalation, Category 4**  
**Skin Corrosion/Irritation, Category 3**  
**Respiratory Sensitization, Category 1**  
**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.  
 H332 - Harmful if inhaled.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 - May cause respiratory irritation.  
 H372 - Causes damage to organs - Lungs. 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.  
 P285 - In case of inadequate ventilation wear respiratory protection.

**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P341 - If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 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:** Toxic if inhaled. Causes respiratory tract irritation. May cause allergic respiratory reaction.

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

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

**Ingestion:** May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns.

**Additional Information** No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1344-28-1	Aluminum oxide	<90.0 %
8001-79-4	Castor oil	1.0 -5.0 %
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	1.0 -5.0 %
28182-81-2	Poly(hexamethylene diisocyanate)	1.0 -5.0 %
143-28-2	(Z)-Octadec-9-enol	1.0 -5.0 %
1345-16-0	Cobalt aluminate blue spinel	0.0 -1.0 %
822-06-0	Hexamethylene-1,6-diisocyanate	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 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:** No data available.

## 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate area and wash spill site after material pickup is complete. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas. 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:** 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
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.
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	TWA: 5 mg/m3	CELL: 5 mg/m3 (salts)	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.
1345-16-0	Cobalt aluminate blue spinel	No data.	No data.	No data.
822-06-0	Hexamethylene-1,6-diisocyanate	TWA: 5 mg/m3	TLV: 0.005 ppm	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: Blue. Paste.  
Odor: aromatic 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.



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

**ICAO/IATA Shipping Name:** Toxic liquids, organic, n.o.s. (Contains  
2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentyl-cyclohexane)

**UN Number:** 2810 **Packing Group:** III  
**Hazard Class:** 6.1 - TOXIC

**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
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	No	No	Yes-Cat. N106
28182-81-2	Poly(hexamethylene diisocyanate)	No	No	No
143-28-2	(Z)-Octadec-9-enol	No	No	No
1345-16-0	Cobalt aluminate blue spinel	No	No	Yes-Cat. N096
822-06-0	Hexamethylene-1,6-diisocyanate	No	Yes NA	Yes-Cat. N120, N106

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
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	TSCA: Inventory, 8A PAIR, 8D TERM
28182-81-2	Poly(hexamethylene diisocyanate)	TSCA: Inventory
143-28-2	(Z)-Octadec-9-enol	TSCA: Inventory
1345-16-0	Cobalt aluminate blue spinel	TSCA: Inventory
822-06-0	Hexamethylene-1,6-diisocyanate	TSCA: Inventory, 8C, 8D TERM

**16. Other Information**

**Revision Date:** 09/21/2021 **Previous revision:** 03/03/2021

**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.