

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

Skin Corrosion/Irritation, Category 3
Skin Sensitization, Category 1
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Warning**
GHS Hazard Phrases: H316 - Causes mild skin irritation.
 H317 - May cause an allergic skin reaction.
 H335 - May cause respiratory irritation.
GHS Precautionary Phrases: P261 - Avoid breathing vapors, mist or spray.
 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.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 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: P403+233 - Store container tightly closed in well-ventilated place.
 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 %
143-28-2	(Z)-Octadec-9-enol	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 %
1345-16-0	Cobalt aluminate blue spinel	0.1 -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:** 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.
143-28-2	(Z)-Octadec-9-enol	No data.	No data.	No data.
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	TWA: 5 mg/m3	CEIL: 5 mg/m3 (salts)	No data.
28182-81-2	Poly(hexamethylene diisocyanate)	No data.	No data.	No data.
1345-16-0	Cobalt aluminate blue spinel	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.): 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 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=1): No data.

Specific Gravity (Water=1): ~2.7

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.

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, Strong oxidizing agents, Alcohols.
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: 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: Toxic liquids, organic, n.o.s. (Contains 2-Heptyl-3-4,-Bis(9-Isocyanatononyl)-1-pentyl-cyclohexane)
DOT Hazard Class: 6.1 TOXIC
UN/NA Number: UN2810 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Toxic liquids, organic, n.o.s. (Contains 2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentyl-cyclohexane)
UN Number: UN2810 **Packing Group:** III
Hazard Class: 6.1 - TOXIC

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: UN2810 **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
143-28-2	(Z)-Octadec-9-enol	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
1345-16-0	Cobalt aluminate blue spinel	No	No	Yes-Cat. N096

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

1344-28-1	Aluminum oxide	TSCA: Yes - Inventory CA PROP.65: No
8001-79-4	Castor oil	TSCA: Yes - Inventory CA PROP.65: No
143-28-2	(Z)-Octadec-9-enol	TSCA: Yes - Inventory CA PROP.65: No
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	TSCA: Yes - Inventory, 8A PAIR, 8D TERM CA PROP.65: No
28182-81-2	Poly(hexamethylene diisocyanate)	TSCA: Yes - Inventory CA PROP.65: No
1345-16-0	Cobalt aluminate blue spinel	TSCA: Yes - Inventory CA PROP.65: No

CAS # Hazardous Components (Chemical Name) International Regulatory Lists

1344-28-1	Aluminum oxide	REACH: Yes - (P), 01-2119817795-27: Full
8001-79-4	Castor oil	REACH: Yes - (P)
143-28-2	(Z)-Octadec-9-enol	REACH: Yes - (P), 01-2119489408-24: Full
68239-06-5	2-Heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane	REACH: Yes - (P)
28182-81-2	Poly(hexamethylene diisocyanate)	REACH: Yes - (P), 01-2119970543-34: Full
1345-16-0	Cobalt aluminate blue spinel	REACH: Yes - (P), 01-2119963940-31: Full

