

1. Product and Company Identification

Product Code: 7135
Product Name: 7135
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 2
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2
Acute Toxicity: Inhalation, Category 4



GHS Signal Word: **Warning**

GHS Hazard Phrases: H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H332 - Harmful if inhaled.
 H335 - May cause respiratory irritation.
 H351 - Suspected of causing cancer .
 H373 - May cause damage to through prolonged or repeated exposure.

GHS Precautionary Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe 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.
 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.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 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.
 P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal P405 - Store locked up.
Phrases: P501 - Dispose of contents/container according to national and local regulations.
Inhalation: Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Contact: Causes skin irritation. May cause an 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
8001-79-4	Castor oil	50.0 -75.0 %
26447-40-5	Diphenylmethane diisocyanate	10.0 -25.0 %
39310-05-9	Diisocyanate (homopolymer)	5.0 -12.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	0.1 -1.0 %
78-40-0	Triethyl phosphate	0.1 -1.0 %

Additional Information Exact percentages have been withheld as a trade secret. Ingredient 26447-40-5 contains CAS 101-68-8

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: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Point: > 93.30 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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: irritating and toxic fumes and gases, Nitrogen oxides, isocyanates, Hydrogen cyanide, Carbon oxides.

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. Avoid runoff into storm sewers and ditches which lead to waterways.

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
8001-79-4	Castor oil	No data.	No data.	No data.
26447-40-5	Diphenylmethane diisocyanate	TWA: 5 mg/m3	CEIL: 5 mg/m3 (salts)	No data.
39310-05-9	Diisocyanate (homopolymer)	No data.	No data.	No data.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No data.	No data.	No data.
78-40-0	Triethyl phosphate	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 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 thoroughly after handling.

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: amber. Liquid.
Odor: weak odor.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Point: > 93.30 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): 1.06
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: Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon oxides, Nitrogen oxides, irritating and toxic fumes and gases, isocyanates, Hydrogen cyanide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: Adverse reproductive effects have occurred in experimental animals.
Irritation or Corrosion: Skin and eye irritant.
Sensitization: Respiratory and skin sensitization.
Carcinogenicity/Other Information: Not listed by NTP, IARC, or OSHA.

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: Not Regulated.

DOT Hazard Class:

UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

UN Number:

Hazard Class:

Packing Group:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

UN Number:

Hazard Class:

Packing Group:

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)
8001-79-4	Castor oil	No	No	No
26447-40-5	Diphenylmethane diisocyanate	No	No	Yes-Cat. N106
39310-05-9	Diisocyanate (homopolymer)	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
78-40-0	Triethyl phosphate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
8001-79-4	Castor oil	TSCA: Inventory
26447-40-5	Diphenylmethane diisocyanate	TSCA: Inventory
39310-05-9	Diisocyanate (homopolymer)	TSCA: Inventory
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	TSCA: Inventory, 8A, 8A PAIR
78-40-0	Triethyl phosphate	TSCA: Inventory, 8A PAIR, 8D TERM

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
8001-79-4	Castor oil	REACH: (P)
26447-40-5	Diphenylmethane diisocyanate	REACH: (P), 01-2120770510-62: Intermediate, Res. - 56.
39310-05-9	Diisocyanate (homopolymer)	REACH: (P)

67762-90-7 Siloxanes and silicones, di-me, reaction products REACH: (P)
with silica

78-40-0 Triethyl phosphate REACH: (P), 01-2119492852-28: Full

16. Other Information

Revision Date: 02/08/2024 **Previous revision:** 09/07/2023

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.