

## 1. Product and Company Identification

**Product Code:** 3485A  
**Product Name:** 3485A  
**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:** Potting Compound

## 2. Hazards Identification

**Acute Toxicity: Inhalation, Category 3**  
**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Respiratory Sensitization, Category 1**  
**Skin Sensitization, Category 1**  
**Carcinogenicity, Category 2**



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

**GHS Hazard Phrases:** H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H331 - Toxic if inhaled.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H351 - Suspected of causing cancer .

**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.  
 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/protective clothing/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.  
 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.  
 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.  
 P311 - Call a POISON CENTER or doctor/physician.  
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
 P337+313 - If eye irritation persists, get medical advice/attention.

P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.  
P362 - Take off contaminated clothing and wash before re-use.

**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:** Fatal if inhaled. Causes respiratory tract irritation.

**Skin Contact:** May be harmful if absorbed through the skin. May cause an allergic skin reaction.

**Eye Contact:** Causes eye irritation.

**Ingestion:** May be harmful if swallowed.

**Additional Information** No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
584-84-9	Toluene-2,4-diisocyanate	5.0 -10.0 %
91-08-7	Toluene-2,6-diisocyanate	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:** If not breathing, give artificial respiration. Consult a physician. If inhaled, remove to fresh air.

**In Case of Skin Contact:** Consult a physician.

**In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**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 agent most appropriate to extinguish fire. 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:** Carbon oxides, Formaldehyde.

## 6. Accidental Release Measures

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8. Vacuum or sweep up material and place into a suitable disposal container.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

**Precautions To Be Taken in Storing:** Store in a dry place and/or in closed container.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
584-84-9	Toluene-2,4-diisocyanate	CEIL: 0.02 ppm	TLV: 0.001 ppm STEL: 0.005 ppm	No data.
91-08-7	Toluene-2,6-diisocyanate	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.

**Respiratory Equipment (Specify Type):** Ensure adequate ventilation. 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:** Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. 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: Straw;straw-colored. Liquid.  
Odor: weak odor.

**pH:** No data.

**Melting Point:** NA

**Boiling Point:** NA

**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)** No data.

or mm Hg):

**Vapor Density (vs. Air = 1):** No data.

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

**Density:** 0.97 G/CC

**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 [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, acids, Amines, bases.

**Hazardous Decomposition or Byproducts:** Carbon oxides, Formaldehyde. Nitrogen oxides, isocyanates.

**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.

**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:** Isocyanates, toxic, n.o.s. (Toluene Diisocyanat  
**DOT Hazard Class:** 6.1 TOXIC  
**UN/NA Number:** UN2206 **Packing Group:** II



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

**IMDG/IMO Shipping Name:** Isocyanates, toxic, n.o.s. (Toluene diisocyanate)  
**UN Number:** UN2206 **Packing Group:** II  
**Hazard Class:** 6.1 - TOXIC  
**IMDG MFAG Number:**  
**Marine Pollutant:** No

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

**ICAO/IATA Shipping Name:** Isocyanates, toxic, n.o.s. (Toluene diisocyanate)  
**UN Number:** UN2206 **Packing Group:** II  
**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)
584-84-9	Toluene-2,4-diisocyanate	Yes 500 LB	Yes NA	Yes
91-08-7	Toluene-2,6-diisocyanate	Yes 100 LB	Yes NA	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
584-84-9	Toluene-2,4-diisocyanate	TSCA: Inventory, 8A CAIR, 8C, 12(b)
91-08-7	Toluene-2,6-diisocyanate	TSCA: Inventory, 8A CAIR, 8C, 8D TERM, 12(b)

## 16. Other Information

**Revision Date:** 10/27/2023

**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.