

## 1. Product and Company Identification

**Product Code:** 3436  
**Product Name:** 3436  
**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:** Coating

## 2. Hazards Identification

**Flammable Liquids, Category 2**  
**Acute Toxicity: Inhalation, Category 4**  
**Skin Corrosion/Irritation, Category 2**  
**Respiratory Sensitization, Category 1**  
**Carcinogenicity, Category 2**  
**Toxic To Reproduction, Category 2**  
**Specific Target Organ Toxicity (repeated exposure), Category 2**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Aspiration Toxicity, Category 1**  
**Aquatic Toxicity (Acute), Category 2**  
**Aquatic Toxicity (Chronic), Category 2**



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

**GHS Hazard Phrases:** H225 - Highly flammable liquid and vapor.  
 H304 - May be fatal if swallowed and enters airways.  
 H315 - Causes skin irritation.  
 H332 - Harmful if inhaled.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H336 - May cause drowsiness or dizziness.  
 H351 - Suspected of causing cancer .  
 H373 - May cause damage to - Auditory system. through prolonged or repeated exposure.  
 H411 - Toxic to aquatic life with long lasting effects.

**GHS Precautionary Phrases:** P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P233 - Keep container tightly closed.  
 P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
 P242 - Use only non-sparking tools.  
 P243 - Take precautionary measures against static discharge.  
 P260 - Do not breathe vapors, mist, or spray.  
 P264 - Wash hands thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.

**GHS Response Phrases:** P280 - Wear protective gloves/eye protection/face protection.  
P281 - Use personal protective equipment as required.  
P285 - In case of inadequate ventilation wear respiratory protection.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
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.  
P308+313 - IF exposed or concerned: Get medical attention/advice.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P331 - Do NOT induce vomiting.  
P332+313 - If skin irritation occurs, 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.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:** P403+235 - Store in cool/well-ventilated place. 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:** May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Causes respiratory tract irritation. Vapors may cause drowsiness and dizziness.

**Skin Contact:** May be harmful if absorbed through the skin. Causes skin irritation.

**Eye Contact:** Causes severe eye irritation. Risk of serious damage to eyes.

**Ingestion:** May be fatal if swallowed and enters airways.

**Additional Information** No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
108-65-6	Propylene glycol methyl ether acetate	20.0 -30.0 %
1330-20-7	Xylene (mixed isomers)	20.0 -30.0 %
100-41-4	Ethylbenzene	3.0 -5.0 %
108-88-3	Toluene	1.0 -3.0 %
26471-62-5	Toluene diisocyanate (mixed isomers)	< 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:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
- 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 aid immediately.
- In Case of Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Potential for aspiration if swallowed. Get medical aid immediately. Wash mouth out with water.
- Note to Physician:** Treat symptomatically and supportively.

## 5. Fire Fighting Measures

- Flash Pt:** 23.00 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. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors are heavier than air and may travel to a source of ignition and flash back.
- 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:** Evacuate area. Shut off all sources of ignition. Ventilate the area. Use proper personal protective equipment as indicated in Section 8. Use only non-sparking tools and equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Discharge into the environment must be avoided.

## 7. Handling and Storage

- Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Use only with adequate ventilation. Use spark-proof tools and explosion proof equipment. Take precautionary measures against static discharges.
- Precautions To Be Taken in Storing:** Keep away from sources of ignition. Keep away from heat and flame. Store in a cool, dry place. Store in a tightly closed container.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
108-65-6	Propylene glycol methyl ether acetate	No data.	No data.	No data.
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm	No data.

100-41-4	Ethylbenzene	PEL: 100 ppm	STEL: 150 ppm TLV: 20 ppm STEL: 125 ppm	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	No data.
26471-62-5	Toluene diisocyanate (mixed isomers)	TWA: 5 mg/m3	CEIL: 5 mg/m3 (salts)	No data.

**Respiratory Equipment (Specify Type):** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. 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:** Face shield and safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Wear a chemical apron. 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. Use explosion-proof ventilation equipment. 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

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid	
<b>Appearance and Odor:</b>	Appearance: Clear. Liquid. Odor: aromatic odor.	
<b>pH:</b>	No data.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	No data.	
<b>Flash Pt:</b>	23.00 C	
<b>Evaporation Rate:</b>	No data.	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Specific Gravity (Water = 1):</b>	1.01	
<b>Solubility in Water:</b>	No data.	
<b>Saturated Vapor Concentration:</b>	No data.	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Autoignition Pt:</b>	No data.	
<b>Decomposition Temperature:</b>	No data.	

**Viscosity:** No data.

**Information with regard to primary physical hazard:**

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** Heat, flames and sparks. ignition sources.  
**Incompatibility - Materials To Avoid:** Strong oxidizing agents.  
**Hazardous Decomposition or Byproducts:** No data available.  
**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:** May cause sensitisation by skin contact.  
**Carcinogenicity/Other Information:** Contains material which may cause cancer, based on animal data. Risk depends on level and duration of exposure.

### 12. Ecological Information

**General Ecological Information:** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 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:** Paint.  
**DOT Hazard Class:** 3 FLAMMABLE LIQUID  
**UN/NA Number:** UN1263 **Packing Group:** III



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

**IMDG/IMO Shipping Name:** Paint.  
**UN Number:** UN1263 **Packing Group:** III  
**Hazard Class:** 3 - FLAMMABLE LIQUID

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

**ICAO/IATA Shipping Name:** Paint.  
**UN Number:** UN1263 **Packing Group:** III  
**Hazard Class:** 3 - FLAMMABLE LIQUID

## 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)
108-65-6	Propylene glycol methyl ether acetate	No	No	No
1330-20-7	Xylene (mixed isomers)	No	Yes NA	Yes
100-41-4	Ethylbenzene	No	Yes NA	Yes
108-88-3	Toluene	No	Yes NA	Yes
26471-62-5	Toluene diisocyanate (mixed isomers)	No	Yes NA	Yes-Cat. N106

### California Proposition 65



#### **WARNING**

This product can expose you to chemicals including Ethylbenzene and Toluene diisocyanate (mixed isomers), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
108-65-6	Propylene glycol methyl ether acetate	TSCA: Inventory, 8A PAIR, 8D TERM
1330-20-7	Xylene (mixed isomers)	TSCA: Inventory
100-41-4	Ethylbenzene	TSCA: Inventory CA PROP.65: Yes: Canc.
108-88-3	Toluene	TSCA: Inventory, 8A CAIR, 8C CA PROP.65: Yes: RDTox(F)
26471-62-5	Toluene diisocyanate (mixed isomers)	TSCA: Inventory, 8A CAIR, 8C, 8D TERM, 12(b) CA PROP.65: Yes: Canc.

## 16. Other Information

**Revision Date:** 03/14/2023

**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.