

1. Product and Company Identification

Product Code: 3315
Product Name: 3315
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
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Carcinogenicity, Category 1A
Specific Target Organ Toxicity (single exposure), Category 1
Specific Target Organ Toxicity (repeated exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
 H302 - Harmful if swallowed.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H332 - Harmful if inhaled.
 H350 - May cause cancer .
 H372 - Causes damage to organs - Kidneys. through prolonged or repeated exposure.

GHS Precaution Phrases: P201 - Obtain special instructions before use.
 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.
 P240 - Ground/bond container and receiving equipment.
 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.
 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/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if

you feel unwell.

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.

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.

P310 - Immediately call a POISON CENTER or doctor/physician.

P314 - Get medical attention/advice if you feel unwell.

P330 - Rinse mouth.

P333+313 - If skin irritation or rash occurs, seek medical advice/attention.

P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal P403+235 - Store in cool/well-ventilated place.

Phrases: P405 - Store locked up.

P501 - Dispose of contents/container according to local, state and federal environmental regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Inhalation: May cause respiratory tract irritation.

Skin Contact: May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.

Eye Contact: Causes serious eye damage. May cause eye irritation.

Ingestion: May cause digestive tract disturbances. May be harmful if swallowed.

Additional Information 38.0% of mixture has unknown acute oral toxicity. 65.5% of mixture consists of ingredients of unknown dermal toxicity. % of mixture has unknown acute inhalation toxicity.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25068-38-6	Bisphenol-a based epoxy resin	20.0 -40.0 %
110-43-0	2-Heptanone	8.0 -20.0 %
98-54-4	4-tert-Butylphenol	5.0 -10.0 %
67-63-0	Isopropyl alcohol	5.0 -10.0 %
67-64-1	Acetone	5.0 -10.0 %
14807-96-6	Talcum	5.0 -10.0 %
13463-67-7	Titanium dioxide	5.0 -10.0 %
1477-55-0	1,3-Benzenedimethanamine	1.0 -5.0 %
25620-58-0	Trimethylhexamethylenediamine	1.0 -5.0 %
112926-00-8	Precipitated silica	1.0 -5.0 %
68855-54-9	Silica amorphous diatomaceous earth (uncalcined)	1.0 -5.0 %
98-56-6	4-Chlorobenzotrifluoride	1.0 -5.0 %
14464-46-1	Cristobalite	0.5 -5.0 %
104-40-5	Phenol, 4-Nonyl-	0.5 -5.0 %
1330-20-7	Xylene (mixed isomers)	0.1 -1.0 %
6742-88-7	Benzimidazole, 2-(2,2,2-trifluoroacetamido)-4-(trifluoromethyl)-	0.1 -1.0 %
14808-60-7	Quartz	0.1 -1.0 %

Additional Information Exact percentages have been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. Consult a physician. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Flush eyes with water as a precaution.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed: No data available.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: ≥ -6.00 C Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and Hazards: Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Hazardous Combustion Products: Carbon oxides, Sulfur oxides, Nitrogen oxides.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Evacuate personnel to safe areas.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Use with adequate ventilation. Use explosion-proof equipment.

Precautions To Be Taken Store at ≤ -60 deg.C.

in Storing:

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
110-43-0	2-Heptanone	PEL: 100 ppm	TLV: 50 ppm	No data.
98-54-4	4-tert-Butylphenol	No data.	No data.	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
67-64-1	Acetone	PEL: 1000 ppm	TLV: 250 ppm STEL: 500 ppm	No data.
14807-96-6	Talcum	PEL: 706 mppm3/20 mppcf	TLV: 2 mg/m3 (non-asbestos)	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TWA: 10 mg/m3 (Total dust)	No data.
1477-55-0	1,3-Benzenedimethanamine	No data.	CEIL: mg/m3	No data.
25620-58-0	Trimethylhexamethylenediamine	No data.	No data.	No data.
112926-00-8	Precipitated silica	PEL: 80 mg/m3/(%SiO2)	TLV: 10 mg/m3	No data.
68855-54-9	Silica amorphous diatomaceous earth (uncalcined)	No data.	No data.	No data.
98-56-6	4-Chlorobenzotrifluoride	No data.	No data.	No data.
14464-46-1	Cristobalite	PEL: 4412 mppm3/(%SiO2+5)	TLV: 0.05 mg/m3 (R)	No data.
104-40-5	Phenol, 4-Nonyl-	No data.	No data.	No data.
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
6742-88-7	Benzimidazole, 2-(2,2,2-trifluoroacetamido)-4-(trifluoromethyl)-	No data.	No data.	No data.
14808-60-7	Quartz	PEL: 50 ug/m3	TLV: 0.05 mg/m3 (R)	No data.

Respiratory Equipment (Specify Type): Ensure adequate ventilation.

Eye Protection: Safety glasses.

Protective Gloves: Handle with gloves.

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

Engineering Controls (Ventilation etc.): Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. 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.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Environmental Exposure Controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Appearance: Liquid. Odor: solvent odor.	
pH:	No data.	
Melting Point:	No data.	
Boiling Point:	No data.	
Flash Pt:	>= -6.00 C Method Used: Pensky-Marten Closed Cup	
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.	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	No data.	
Density:	1.20 G/CM3	
Solubility in Water:	No data.	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	No data.	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

10. Stability and Reactivity

Reactivity:	Vapours may form explosive mixture with air.
Stability:	Unstable [X] Stable []
Conditions To Avoid - Instability:	Heat, flames and sparks. Extremes of temperature and direct sunlight. Incompatible materials, dust generation, Strong oxidants.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, acids, Amines, bases, Strong reducing agents, Strong bases, Hydrogen fluoride, Incompatible with fluorine, Oxygen difluoride, chlorotrifluoride, Vinyl acetate. Acid chlorides, Acid anhydrides, Brass, Copper, Aluminum, Halogenated compounds, Acids. Chloroformates.
Hazardous Decomposition or Byproducts:	Hazardous decomposition products formed under fire conditions. Titanium/titanium oxides. -Carbon oxides. nitrogen oxides (NOx) Carbon monoxide, irritating and toxic fumes and gases.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Vapors may form explosive mixture with air.

11. Toxicological Information

Toxicological Information: No data available.

Irritation or Corrosion: Skin corrosion/irritation.

Chronic Toxicological Effects: Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.
May cause drowsiness or dizziness.
Inhalation. Causes damage to organs through prolonged or repeated exposure.
Oral. Specific target organ toxicity - repeated exposure:

12. Ecological Information

No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container according to local, state and federal environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Flammable liquids, corrosive, n.o.s. (2-Propanol)

DOT Hazard Class: 3 FLAMMABLE LIQUID, CORROSIVE

UN/NA Number: UN2924 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Flammable liquids, corrosive, n.o.s. (2-Propanol)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Flammable liquids, corrosive, n.o.s. (2-Propanol)

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)
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
110-43-0	2-Heptanone	No	No	No
98-54-4	4-tert-Butylphenol	No	No	No
67-63-0	Isopropyl alcohol	No	No	Yes
67-64-1	Acetone	No	Yes 5000 LB	No
14807-96-6	Talcum	No	No	No
13463-67-7	Titanium dioxide	No	No	No
1477-55-0	1,3-Benzenedimethanamine	No	No	No
25620-58-0	Trimethylhexamethylenediamine	No	No	No
112926-00-8	Precipitated silica	No	No	No

68855-54-9	Silica amorphous diatomaceous earth (uncalcined)	No	No	No
98-56-6	4-Chlorobenzotrifluoride	No	No	No
14464-46-1	Cristobalite	No	No	No
104-40-5	Phenol, 4-Nonyl-	No	No	No
1330-20-7	Xylene (mixed isomers)	No	Yes 100 LB	Yes
6742-88-7	Benzimidazole, 2-(2,2,2-trifluoroacetamido)-4-(trifluoromethyl)-	No	No	No
14808-60-7	Quartz	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
110-43-0	2-Heptanone	TSCA: Inventory
98-54-4	4-tert-Butylphenol	TSCA: Inventory, 8A PAIR
67-63-0	Isopropyl alcohol	TSCA: Inventory
67-64-1	Acetone	TSCA: Inventory
14807-96-6	Talcum	TSCA: Inventory
13463-67-7	Titanium dioxide	TSCA: Inventory
1477-55-0	1,3-Benzenedimethanamine	TSCA: Inventory
25620-58-0	Trimethylhexamethylenediamine	TSCA: Inventory
112926-00-8	Precipitated silica	TSCA: Inventory
68855-54-9	Silica amorphous diatomaceous earth (uncalcined)	TSCA: Inventory
98-56-6	4-Chlorobenzotrifluoride	TSCA: Inventory, 4 Test, 12(b)
14464-46-1	Cristobalite	TSCA: Inventory
104-40-5	Phenol, 4-Nonyl-	TSCA: Inventory, 8A PAIR, 12(b)
1330-20-7	Xylene (mixed isomers)	TSCA: Inventory
6742-88-7	Benzimidazole, 2-(2,2,2-trifluoroacetamido)-4-(trifluoromethyl)-	
14808-60-7	Quartz	TSCA: Inventory

16. Other Information

Revision Date: 08/10/2018

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.