

1. Product and Company Identification

Product Code: 3115
Product Name: 3115
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

Flammable Liquids, Category 3
 Organic Peroxides, Type B
 Skin Corrosion/Irritation, Category 2
 Serious Eye Damage/Eye Irritation, Category 1
 Skin Sensitization, Category 1
 Germ Cell Mutagenicity, Category 2
 Carcinogenicity, Category 2
 Aquatic Toxicity (Acute), Category 3
 Aquatic Toxicity (Chronic), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H226 - Flammable liquid and vapor.
 H241 - Heating may cause a fire or explosion.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H341 - Suspected of causing genetic defects.
 H351 - Suspected of causing cancer .
 H411 - Toxic to aquatic life with long lasting effects.

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.
 P220 - Keep away from combustible materials.
 P233 - Keep container tightly closed.
 P234 - Keep only in original container.
 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.
 P261 - Avoid breathing vapors, mist, or spray.
 P264 - Wash hands thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/eye protection/face protection.

GHS Response Phrases: P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all

contaminated clothing. Rinse skin with water/shower.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P362 - Take off contaminated clothing and wash before re-use.
P370+378 - In case of fire, use appropriate media to extinguish.
P391 - Collect spillage.

GHS Storage and Disposal Phrases:

P403+235 - Store in cool/well-ventilated place.
P405 - Store locked up.
P410 - Protect from sunlight.
P411+235 - Store in cool place at temperatures not exceeding 30°C/86°F.
P420 - Store away from other materials.
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.

Potential Health Effects (Acute and Chronic):

Inhalation: Harmful if inhaled.
Skin Contact: Causes skin irritation. May cause allergic skin reaction.
Eye Contact: Causes eye burns. Causes serious eye damage.
Ingestion: Harmful if swallowed.
Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
2386-87-0	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester	20.0 -40.0 %
25068-38-6	Bisphenol-a based epoxy resin	20.0 -40.0 %
17351-75-6	1,4-Bis[(vinylxy)methyl]cyclohexane	10.0 -20.0 %
37625-56-2	2-Oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	1.0 -9.0 %
2426-08-6	Oxirane, (Butoxymethyl)-	1.0 -9.0 %
71-36-3	n-Butyl alcohol	1.0 -9.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	5.0 -10.0 %
89452-37-9	Sulfonium, (thiodi-4,1-phenylene)bisdiphenyl-,bis(OC-6-11)-h exafluoroantimonate(1-)	1.0 -5.0 %
108-32-7	(+)-Propylene carbonate, Anhydrous	1.0 -5.0 %
71449-78-0	Sulfonium, diphenyl4-(phenylthio)phenyl-, (OC-6-11)-hexafluoro antimonate(1-)	1.0 -5.0 %
94-36-0	Benzoyl peroxide	0.0 -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.

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 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:** Ensure adequate ventilation. Isolate area and deny entry. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. 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:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Normal measures for preventive fire protection. Use only in a well-ventilated area.
- Precautions To Be Taken in Storing:** Store at <= -18deg.C.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
2386-87-0	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester	No data.	No data.	No data.
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
17351-75-6	1,4-Bis[(vinylloxy)methyl]cyclohexane	No data.	No data.	No data.
37625-56-2	2-Oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	No data.	No data.	No data.
2426-08-6	Oxirane, (Butoxymethyl)-	PEL: 50 ppm	TLV: 25 ppm	No data.

71-36-3	n-Butyl alcohol	PEL: 100 ppm	TLV: 20 ppm	No data.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No data.	No data.	No data.
89452-37-9	Sulfonium, (thiodi-4,1-phenylene)bis(diphenyl-,bis(OC-6-11)-hexafluoroantimonate(1-))	No data.	No data.	No data.
108-32-7	(+)-Propylene carbonate, Anhydrous	No data.	No data.	No data.
71449-78-0	Sulfonium, diphenyl4-(phenylthio)phenyl-,(OC-6-11)-hexafluoroantimonate(1-))	No data.	No data.	No data.
94-36-0	Benzoyl peroxide	PEL: 5 mg/m3	TLV: 5 mg/m3	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 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.

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: amber. Paste.
Odor: weak odor.

Melting Point: No data.

Boiling Point: No data.

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 or mm Hg): No data.

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

Specific Gravity (Water = 1): No data.

Solubility in Water: No data.

Percent Volatile: No data.

Autoignition Pt: 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: Amines, acids, bases, Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: CAS# 2386-87-0:
Acute toxicity, LD50, Oral, Rat, 4490. MG/KG.
Result:
Lungs, Thorax, or Respiration: Acute pulmonary edema.
Lungs, Thorax, or Respiration: Dyspnea.
- American Industrial Hygiene Association Journal., AIHA, 475 Wolf Ledges Pkwy., Akron, OH 44311, Vol/p/yr: 24,305, 1963

Irritation or Corrosion: Serious eye damage/irritation.

Sensitization: Skin sensitization.

12. Ecological Information

General Ecological Information: Toxic to aquatic life with long lasting effects.

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: Organic peroxide type B, solid.

DOT Hazard Class: 5.2 ORGANIC PEROXIDE, EXPLOSIVE

UN/NA Number: UN3102 **Packing Group:** II



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Organic peroxide type B, solid.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Organic peroxide type B, solid.

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)
2386-87-0	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester	No	No	No
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
17351-75-6	1,4-Bis[(vinylloxy)methyl]cyclohexane	No	No	No
37625-56-2	2-Oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	No	No	No
2426-08-6	Oxirane, (Butoxymethyl)-	No	No	No
71-36-3	n-Butyl alcohol	No	Yes 5000 LB	Yes
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
89452-37-9	Sulfonium, (thiodi-4,1-phenylene)bisdiphenyl-,bis(OC-6-11)-h exafluoroantimonate(1-)	No	No	Yes-Cat. N010
108-32-7	(+)-Propylene carbonate, Anhydrous	No	No	No
71449-78-0	Sulfonium, diphenyl4-(phenylthio)phenyl-, (OC-6-11)-hexafluoro roantimonate(1-)	No	No	Yes-Cat. N010
94-36-0	Benzoyl peroxide	No	No	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
2386-87-0	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester	TSCA: Yes - Inventory
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Yes - Inventory
17351-75-6	1,4-Bis[(vinylloxy)methyl]cyclohexane	TSCA: Yes - Inventory
37625-56-2	2-Oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	TSCA: Yes - Inventory
2426-08-6	Oxirane, (Butoxymethyl)-	TSCA: Yes - Inventory, 4 Test, 8A
71-36-3	n-Butyl alcohol	TSCA: Yes - Inventory, 4 Test
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	TSCA: Yes - Inventory, 8A, 8A PAIR
89452-37-9	Sulfonium, (thiodi-4,1-phenylene)bisdiphenyl-,bis(OC-6-11)-h exafluoroantimonate(1-)	TSCA: Yes - Inventory
108-32-7	(+)-Propylene carbonate, Anhydrous	TSCA: Yes - Inventory
71449-78-0	Sulfonium, diphenyl4-(phenylthio)phenyl-, (OC-6-11)-hexafluoro roantimonate(1-)	TSCA: Yes - Inventory
94-36-0	Benzoyl peroxide	TSCA: Yes - Inventory

16. Other Information

Revision Date: 05/18/2016

**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.