

1. Product and Company Identification

Product Code: 3299
Product Name: 3299
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 3
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



GHS Signal Word: Warning

GHS Hazard Phrases: H226 - Flammable liquid and vapor.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.
 H351 - Suspected of causing cancer .

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.
 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.
 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: 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.
 P312 - Call a POISON CENTER or doctor/physician 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 Phrases: P403+235 - Store in cool/well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents/container according to local and national regulations.

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

Inhalation: Harmful if inhaled. May cause respiratory irritation.

Skin Contact: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation dermatitis (rash). May cause an allergic skin reaction.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause irritation of the digestive tract.

Additional Information Percentage of mixture consisting of ingredients of unknown toxicity:22.1
Prolonged or repeated exposure may cause dry skin and/or cause skin irritation.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|--------------------------------------|---------------|
| NA | Fluoropolymer | 15.0 -50.0 % |
| 98-56-6 | 4-Chlorobenzotrifluoride | 15.0 -50.0 % |
| 13463-67-7 | Titanium dioxide | 5.0 -20.0 % |
| 68186-90-3 | C.I. Pigment Brown 24 | 0.5 -5.0 % |
| 110-43-0 | 2-Heptanone | 0.5 -5.0 % |
| 28182-81-2 | Poly(hexamethylene diisocyanate) | >=3.5 % |
| 100-41-4 | Ethylbenzene | < 1.0 % |
| 123-86-4 | Butyl acetate | 0.1 -1.0 % |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.0 -0.5 % |
| 64742-95-6 | SC-100 Solvent | 0.0 -0.5 % |

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.

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: Never give anything by mouth to an unconscious person. Get medical attention immediately. If swallowed, do NOT induce vomiting.

5. Fire Fighting Measures

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| Flash Pt: | ~ 40.00 C |
| Explosive Limits: | LEL: No data. UEL: No data. |
| Autoignition Pt: | No data. |
| Suitable Extinguishing Media: | Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. |
| Unsuitable Extinguishing Media: | Do not use water jet. |
| 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: | Carbon oxides, metal oxides, Nitrogen oxides. |

6. Accidental Release Measures

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| Protective Precautions, Protective Equipment and Emergency Procedures: | Use proper personal protective equipment as indicated in Section 8. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. 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: | Isolate area and deny entry. 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. |

7. Handling and Storage

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|---|--|
| 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. |
| 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 |
|------------|----------------------------------|----------------------|-------------------------------|--------------|
| NA | Fluoropolymer | No data. | No data. | No data. |
| 98-56-6 | 4-Chlorobenzotrifluoride | No data. | No data. | No data. |
| 13463-67-7 | Titanium dioxide | PEL: 15 (dust) mg/m3 | TWA: 10 mg/m3 (Total dust) | No data. |
| 68186-90-3 | C.I. Pigment Brown 24 | TWA: 0.5 mg/m3 | TWA: 0.5 mg/m3 | No data. |
| 110-43-0 | 2-Heptanone | PEL: 100 ppm | TLV: 50 ppm | No data. |
| 28182-81-2 | Poly(hexamethylene diisocyanate) | No data. | No data. | No data. |
| 100-41-4 | Ethylbenzene | PEL: 100 ppm | TLV: 20 ppm STEL: 125 ppm | No data. |
| 123-86-4 | Butyl acetate | PEL: 150 ppm | TLV: 150 ppm STEL: 200 ppm | No data. |
| 95-63-6 | 1,2,4-Trimethylbenzene | No data. | No data. | No data. |
| 64742-95-6 | SC-100 Solvent | No data. | No data. | No data. |

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|---|---|
| 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: | Chemical safety goggles. |
| 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. Use explosion-proof ventilation equipment. |
| Work/Hygienic/Maintenance Practices: | Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. |

9. Physical and Chemical Properties

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| Physical States: | [] Gas [X] Liquid [] Solid | |
| Appearance and Odor: | Appearance: Sand. Liquid. Odor: characteristic odor. | |
| pH: | No data. | |
| Melting Point: | No data. | |
| Boiling Point: | No data. | |
| Flash Pt: | ~ 40.00 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): | 1.54 | |
| 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

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| 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 alkalis. Strong acids, Oxidizing agents. |
| Hazardous Decomposition or Byproducts: | Carbon oxides, Nitrogen oxides. |
| 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.
Irritation or Corrosion: Skin corrosion/irritation.
Sensitization: Skin sensitization.
Chronic Toxicological Effects: May cause drowsiness or dizziness.
Carcinogenicity/Other Information: Contains material which may cause cancer, based on animal data. Risk depends on level and duration of exposure.

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 as a hazardous material.
DOT Hazard Class:
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Paint.
UN Number: 1263 **Packing Group:** III
Hazard Class: 3 - FLAMMABLE LIQUID **IMDG MFAG Number:**
IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Paint. **Packing Group:** III
UN Number: 1263
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) |
|------------|--------------------------------------|--------------|-------------|----------------|
| NA | Fluoropolymer | No | No | No |
| 98-56-6 | 4-Chlorobenzotrifluoride | No | No | No |
| 13463-67-7 | Titanium dioxide | No | No | No |
| 68186-90-3 | C.I. Pigment Brown 24 | No | No | Yes-Cat. N010, |
| 110-43-0 | 2-Heptanone | No | No | No |
| 28182-81-2 | Poly(hexamethylene diisocyanate) | No | No | No |
| 100-41-4 | Ethylbenzene | No | Yes 1000 LB | Yes |
| 123-86-4 | Butyl acetate | No | Yes 5000 LB | No |
| 95-63-6 | 1,2,4-Trimethylbenzene | No | No | Yes |
| 64742-95-6 | SC-100 Solvent | No | No | No |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|--------------------------------------|--------------------------------|
| NA | Fluoropolymer | TSCA: Inventory |
| 98-56-6 | 4-Chlorobenzotrifluoride | TSCA: Inventory, 4 Test, 12(b) |
| 13463-67-7 | Titanium dioxide | TSCA: Inventory |
| 68186-90-3 | C.I. Pigment Brown 24 | TSCA: Inventory |
| 110-43-0 | 2-Heptanone | TSCA: Inventory |
| 28182-81-2 | Poly(hexamethylene diisocyanate) | TSCA: Inventory |
| 100-41-4 | Ethylbenzene | TSCA: Inventory |
| 123-86-4 | Butyl acetate | TSCA: Inventory |
| 95-63-6 | 1,2,4-Trimethylbenzene | TSCA: Inventory |
| 64742-95-6 | SC-100 Solvent | TSCA: Inventory |

16. Other Information

Revision Date: 02/16/2018

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.