

1. Product and Company Identification

Product Code: 3316
Product Name: 3316
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: Primer

2. Hazards Identification

Flammable Liquids, Category 2
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H225 - Highly 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 .
 H361 - Suspected of damaging fertility or the unborn child .
 H373 - May cause damage to 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.
 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, mists, 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.
 P281 - Use personal protective equipment as required.
 P235 - Keep cool.

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.
P314 - Get medical attention/advice 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+233 - Store container tightly closed in 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: May cause drowsiness or dizziness. May cause central nervous system depression. May cause respiratory irritation.

Skin Contact: Causes severe burns. May cause allergic reaction.

Eye Contact: Causes serious eye damage.

Ingestion: May cause central nervous system depression. Harmful if swallowed.

Additional Information 31.5% of mixture has unknown acute oral toxicity. 52.1% of mixture consists of ingredients of unknown dermal toxicity. 54.3% of mixture has unknown acute inhalation toxicity.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|--|---------------|
| 13463-67-7 | Titanium dioxide | 14.296 % |
| 67-63-0 | Isopropyl alcohol | 11.37 % |
| 110-43-0 | 2-Heptanone | 10.456 % |
| 7727-43-7 | Barium sulfate | 8.296 % |
| 67-64-1 | Acetone | 7.968 % |
| 13983-17-0 | Wollastonite | 6.104 % |
| 67989-52-0 | Fatty acids, C18-unsatd., dimers, polymers with bisphenol A andepichlorohydrin | 4.816 % |
| 14807-96-6 | Talcum | 3.712 % |
| 68082-29-1 | Fatty amidoamine resin | 3.392 % |
| 68410-23-1 | Polyamide based resin | 1.796 % |
| 1314-13-2 | Zinc oxide | 1.328 % |
| 919-30-2 | 3-Aminopropyltriethoxysilane | 1.128 % |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediy)) | 0.832 % |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | 0.568 % |
| 80-05-7 | 4,4'-Isopropylidenediphenol | 0.466 % |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | 0.45 % |
| 108-10-1 | Methyl isobutyl ketone | 0.264 % |
| 1330-20-7 | Xylene (mixed isomers) | 0.224 % |

Additional Information

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:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.
- Note to Physician:** Treat symptomatically. Symptoms may be delayed.

5. Fire Fighting Measures

- Flash Pt:** <= 12.00 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:** Vapors can travel to a 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, Phosphorous oxides, halogenated compounds, metal oxides, Nitrogen oxides.

6. Accidental Release Measures

- Protective Precautions, Protective Equipment and Emergency Procedures:** 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:** Do not let product enter drains. Prevent further leakage or spillage if safe to do so. 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

- 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. Use only with adequate ventilation. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment.
- Precautions To Be Taken in Storing:** Store at </=-60deg.C.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|--|------------------------------------|--|--------------|
| 13463-67-7 | Titanium dioxide | PEL: 15 (dust) mg/m3 | TWA: 10 mg/m3 (Total dust) | No data. |
| 67-63-0 | Isopropyl alcohol | PEL: 400 ppm | TLV: 200 ppm STEL: 400 ppm | No data. |
| 110-43-0 | 2-Heptanone | PEL: 100 ppm | TLV: 50 ppm | No data. |
| 7727-43-7 | Barium sulfate | PEL: 15 (dust); 5 (resp.) mg/m3 | TLV: 5 mg/m3 (dust/no asbestos) | No data. |
| 67-64-1 | Acetone | PEL: 1000 ppm | TLV: 250 ppm STEL: 500 ppm | No data. |
| 13983-17-0 | Wollastonite | No data. | No data. | No data. |
| 67989-52-0 | Fatty acids, C18-unsatd., dimers, polymers with bisphenol A andepichlorohydrin | No data. | No data. | No data. |
| 14807-96-6 | Talcum | PEL: 706 mppm3/20 mppcf | TLV: 2 mg/m3 (non-asbestos) | No data. |
| 68082-29-1 | Fatty amidoamine resin | No data. | No data. | No data. |
| 68410-23-1 | Polyamide based resin | No data. | No data. | No data. |
| 1314-13-2 | Zinc oxide | PEL: 5 (fume); 15 (dust) mg/m3 | TLV: 2 mg/m3 (R) STEL: 10 mg/m3 (R) | No data. |
| 919-30-2 | 3-Aminopropyltriethoxysilane | No data. | No data. | No data. |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | No data. | No data. | No data. |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | No data. | No data. | No data. |
| 80-05-7 | 4,4'-Isopropylidenediphenol | No data. | No data. | No data. |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | No data. | No data. | No data. |
| 108-10-1 | Methyl isobutyl ketone | PEL: 100 ppm | TLV: 20 ppm STEL: 75 ppm | No data. |
| 1330-20-7 | Xylene (mixed isomers) | PEL: 100 ppm | TLV: 100 ppm STEL: 150 ppm | No data. |

Respiratory Equipment (Specify Type): Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

Eye Protection: Face shield and safety glasses.

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

Other Protective Clothing: Flame retardant antistatic protective clothing. Impervious clothing.

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

| | | |
|---|--|---------------|
| Physical States: | [] Gas [X] Liquid [] Solid | |
| Appearance and Odor: | Appearance: Gray. Liquid. Odor: solvent odor. | |
| pH: | No data. | |
| Melting Point: | No data. | |
| Boiling Point: | No data. | |
| Flash Pt: | <= 12.00 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): | 1.42 | |
| 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: | No data available. | |
| Stability: | Unstable [X] Stable [] | |
| Conditions To Avoid - Instability: | ignition sources, Heat, flames and sparks. Product will cure at ambient temperatures. Keep in cold storage until ready to use. | |
| Incompatibility - Materials To Avoid: | Strong oxidizing agents. | |
| Hazardous Decomposition or Byproducts: | Hazardous decomposition products formed under fire conditions. In the event of fire: see section 5. | |
| 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. Serious eye damage/irritation.
Sensitization: Skin sensitiser.
Carcinogenicity/Other Information: Contains material which may cause cancer, based on animal data. Risk depends on level and duration of exposure. Ingredient CAS# 67-63-0: IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans.

12. Ecological Information

No data available.
Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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: Paint Related Material, Flammable, Corrosive.
DOT Hazard Class: 3 FLAMMABLE LIQUID, CORROSIVE
UN/NA Number: UN3469 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Paint Related Material, Flammable, Corrosive.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Paint Related Material, Flammable, Corrosive.

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) |
|------------|--|--------------|-------------|---------------|
| 13463-67-7 | Titanium dioxide | No | No | No |
| 67-63-0 | Isopropyl alcohol | No | No | Yes |
| 110-43-0 | 2-Heptanone | No | No | No |
| 7727-43-7 | Barium sulfate | No | No | Yes-Cat. N040 |
| 67-64-1 | Acetone | No | Yes 5000 LB | No |
| 13983-17-0 | Wollastonite | No | No | No |
| 67989-52-0 | Fatty acids, C18-unsatd., dimers, polymers with bisphenol A andepichlorohydrin | No | No | No |
| 14807-96-6 | Talcum | No | No | No |
| 68082-29-1 | Fatty amidoamine resin | No | No | No |
| 68410-23-1 | Polyamide based resin | No | No | No |

| | | | | |
|-----------|--|----|-------------|---------------|
| 1314-13-2 | Zinc oxide | No | No | Yes-Cat. N982 |
| 919-30-2 | 3-Aminopropyltriethoxysilane | No | No | No |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | No | No | No |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | No | No | No |
| 80-05-7 | 4,4'-Isopropylidenediphenol | No | No | Yes |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | No | No | No |
| 108-10-1 | Methyl isobutyl ketone | No | Yes 5000 LB | Yes |
| 1330-20-7 | Xylene (mixed isomers) | No | Yes 100 LB | Yes |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|--|-----------------------------|
| 13463-67-7 | Titanium dioxide | TSCA: Inventory |
| 67-63-0 | Isopropyl alcohol | TSCA: Inventory |
| 110-43-0 | 2-Heptanone | TSCA: Inventory |
| 7727-43-7 | Barium sulfate | TSCA: Inventory |
| 67-64-1 | Acetone | TSCA: Inventory |
| 13983-17-0 | Wollastonite | |
| 67989-52-0 | Fatty acids, C18-unsatd., dimers, polymers with bisphenol A andepichlorohydrin | TSCA: Inventory |
| 14807-96-6 | Talcum | TSCA: Inventory |
| 68082-29-1 | Fatty amidoamine resin | TSCA: Inventory |
| 68410-23-1 | Polyamide based resin | TSCA: Inventory |
| 1314-13-2 | Zinc oxide | TSCA: Inventory |
| 919-30-2 | 3-Aminopropyltriethoxysilane | TSCA: Inventory |
| 9046-10-0 | *Poly(oxy(methyl-1,2-ethanediyl) | TSCA: Inventory |
| 112-24-3 | 1,2-Ethanediamine, N,N'-Bis(2-aminoethyl)- | TSCA: Inventory |
| 80-05-7 | 4,4'-Isopropylidenediphenol | TSCA: Inventory |
| 90-72-2 | 2,4,6-Tris(Dimethylaminomethyl)Phenol | TSCA: Inventory |
| 108-10-1 | Methyl isobutyl ketone | TSCA: Inventory |
| 1330-20-7 | Xylene (mixed isomers) | 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.