

Safety Data Sheet



Revision Prepared 2018-9-11

Section 1: Identification of the substance/mixture and of the company/undertaking

Product Name: Urethane Adhesive remover

Product Code: .BS-5043

Trade Name(s):

Manufacturer's name:

DriTac Flooring Products, LLC

Address:

60 Webro Road
Clifton, NJ 07012

Emergency Phone:

1-800-424-9300

Information Phone:

1-973-614-9000

Section 2: Hazard Identification

GHS Ratings

| | |
|--|-------------------------------|
| Flammable liquids | Category 3 |
| Acute toxicity | Category 4 (oral) |
| Acute toxicity | Category 4 (inhalation) |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/irritation | Category 2 |
| Target organ toxicity, single exposure | Category 3 (narcotic effects) |
| Hazardous to aquatic life, acute | Category 1 |

GHS Hazards

| | |
|------|---|
| H226 | Combustible liquid (North America). Flammable liquid and vapor (elsewhere). |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H320 | Causes eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness |
| H371 | May cause damage to organs |
| H400 | Very toxic to aquatic life |

GHS Precautions

Preventions:

| | |
|-----------------|---|
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat/sparks/open flame/hot surfaced. 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. |
| P264 | Wash with soap and water thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you don't feel unwell. |
| P302+P352 | IF ON SKIN: wash with soap and water. |
| P304+P340 | 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. |
| P309+P311 | If exposed or you feel unwell: CALL a POISON CENTER or doctor/physician. |

P330 Rinse mouth.
 P332+P313 If skin irritation occurs: get medical advice/attention.
 P337+P313 If eye irritation persists, get medical advice/attention.
 P361 Remove/take off immediately all contaminated clothing.
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up
 P500 Dispose of contents/container following local/regional/federal regulations.



Section 3: Composition/information on ingredients

| Name | Product Identifier | % |
|--------------------------|--------------------|---------|
| 2-Butoxyethanol | 203-905-0 | 35 - 45 |
| Ethyl-3-Ethoxypropionate | 763-69-9 | 20 - 30 |
| d-Limonen | 5989-27-5 | 20 - 30 |

Section 4: First aid measures

4.1. Description of first aid measures

First aid measures general: If exposed or concerned, get medical attention/advice. Show this Safety Data Sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to unconscious person.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

IF IN EYES: Immediately flush with plenty of water for at least for 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

IF SWALLOWING: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed.

Symptoms/injuries: not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation: Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Breathing vapor can cause irritation. Acute overexposure can cause harm to affected organs by routes of entry.

Symptoms/injuries after skin contact: primary irritation to skin, defatting, dermatitis. Absorption through skin increases exposure. Wash thoroughly after handling.

Symptoms/injuries after eye contact: primary irritation to eyes, redness, rearing, blurred vision.

Symptoms/injuries after ingestion: Harmful or fatal if swallowed. Can cause abdominal irritation, nausea, vomiting or diarrhea. The symptoms of chemical pneumonitis may not show for several days.

Section 5: Firefighting measures

5.1. Extinguishing media

Carbon dioxide, dry powder, foam, water spray, AFFF.

5.2. Special hazards arising from the substance or mixture

Combustible

5.3. Fire Fighting Procedures/Precautions:

No open flames, no sparks, no smoking. Above flash point, use a closed system, ventilation, explosion-proof electrical equipment, lighting. Isolate from oxidizers, heat and open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container is very hazardous. Continue all labels precautions. Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Evacuate area from non-essential personnel. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Stop leak if safe to do so. Wear suitable protective clothing. Soak up small spill with inert solids. If necessary, neutralize with using suitable buffering materials (acid with soda ash or base with phosphoric acid) and test area with litmus paper to confirm neutralization. Collect spillage. Place in suitable container for disposal in accordance with the waste regulations. Methods for cleaning up: Recover material for use if possible. Wash spill area thoroughly with plenty of water. Contain any spills with absorbents to prevent migration and entry into sewers or streams. Place in suitable container for disposal in accordance with the waste regulations (see Section 13).

Section 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety procedures. Use appropriate personal protection equipment (PPE). Ensure adequate ventilation. Do not eat, drink, smoke, or use personal products when handling chemical substances.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, cool, well ventilated place, away from direct sunlight and sources from direct heat or where freezing is possible. Do not store above 120°F. Keep container tightly sealed. Store away from oxidizing agents.

Section 8: Exposure controls/personal protection

| | |
|--|-----------|
| 2-butoxyethanol (111-76-2) | |
| Remark (ACGIH) | 20 ppm S |
| Remark (OSHA) | 50 ppm |
| Ethyl-3-ethoxypropionate (763-69-9) | |
| Remark (ACGIH) | 50 ppm |
| Remark (OSHA) | 50 ppm |
| D-Limonene (5989-27-5) | |
| Remark (ACGIH) | Not known |
| Remark (OSHA) | Not known |

This product contains no EPA Hazardous Air Pollutants in amounts > 0.1%.

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation.

Personal Protective equipment:

Eyes and Face: Safety glasses with side shield or chemical goggles.

Skin: Protective gloves, nitrile rubber or chloroprene rubber.

Protective Clothing: Protective work clothing with long sleeves. If splash hazard is present, wear a protective apron.

Respiratory Protection: Where risk assessment shows, air-purifying respirators are appropriate, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

8.3. General hygiene and protection measures

Avoid contact with eyes, skin and clothing. Do not eat or drink or smoke when handling. Wash thoroughly after handling.

Section 9: Physical and chemical properties

| | |
|---|-------------------------------|
| Physical State | Liquid |
| Appearance | Water-white |
| Odor | Lemon |
| Vapor Pressure | 1 mm of Hg @ 20°C |
| Odor threshold | No data available |
| Vapor Density | 4.6 (air=1) |
| Specific Gravity (H2O = 1) | 0.895 |
| Melting point: | No data available |
| Freezing point: | No data available |
| Solubility: | Appreciable |
| Boiling range (IBP, 50%, Dry Point) | 169 169 171°C / 337 337 340°F |
| Flash point (TCC) | 51°C (125°F) |
| Evaporation Rate | 0.159 |
| Flammability | Class II |
| Lower flammable limit in air (% by Vol) | 1 |
| Upper flammable limit in air (% by Vol) | 4.6 |
| Partition coefficient (n-octanol/water) | No data available |
| Autoignition Temperature | 260°C (500°F) |
| Decomposition Temperature | No data available |
| Total VOC | 895.5 g/l |
| Non-exempt VOC | 643.2 g/l |

Section 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions and conditions to avoid.

Isolate from oxidizers, flame and open flames.

10.4. Incompatible materials

Reacts with strong oxidizing agents causing fire and explosive hazard.

10.5. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Carbon monoxide, carbon dioxide from burning.

Section 11: Toxicological information

Acute toxicity: Not classified

Skin corrosion/irritation: Primary irritation to skin, defatting and dermatitis.

Serious eye damage/irritation: Primary irritation to eyes, redness, tearing, blurred vision.

Respiratory or skin sensitization: Ascertic. Irritates respiratory tract.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity: May cause damage to target organs based on animal data.

Aspiration hazard: Not specific data.

Symptoms/injuries: No specific data.

Symptoms/injuries after inhalation: Overexposure may cause serious nerves system depression.

Symptoms/injuries after skin contact: May cause an allergic skin reaction. Absorption through skin increases exposure.

Symptoms/injuries after eye contact: Direct contact with eyes is likely to be irritating.

Symptoms/injuries after ingestion: Harmful or fatal is swallowed. May cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Chronic symptoms: Not known.

Section 12: Ecological information

May be harmful or fatal to plants and animals if released into the environment.

BS-5043

Harmful to the aquatic life. Keep out of sewers and natural water supplies.
This product is completely biodegradable. It does not accumulate or biomagnify into environment.

Section 13: Disposal considerations

Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into drains/surface waters/groundwater.
Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Section 14: Transport information

DOT
Nonbulk: not regulated.
Combustible liquid: not regulated on trucks in containers less than 119 gal.
IATA
UN 1993, Flammable Liquids, n.o.s.
IMDG
UN 1993, Flammable Liquids, n.o.s

Section 15: Regulatory information

All components of this product are listed on the TSCA inventory.

SARA Section 311/312 (Specific toxic chemical listed)

Acute health, Chronic health, Fire.

SARA Section 313 (Specific toxic chemical listed)

111-76-2

State of California Safe Drinking water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

State Regulations: Consult state and local authorities for guidance.

Section 16: Other information

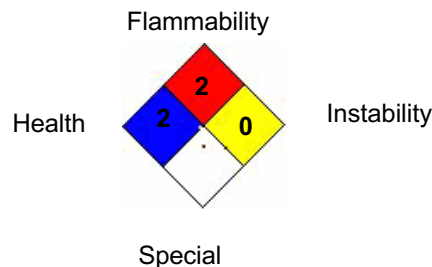
Hazardous Material Information System (HMIS)

| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 2 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | |

HMIS & NFPA Hazard Rating Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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