



SAFETY DATA SHEET
TuffMask Thinner

1. Identification

Product identifier

Product name TuffMask Thinner

Product number 11700060

Recommended use of the chemical and restrictions on use

Application Industrial Use

Details of the supplier of the safety data sheet

Supplier SIFCO Applied Surface Concepts
5708 E. Schaaf Road
Independence, Ohio 44131
U.S.A.
Tel.: +1 216-524-0099
Fax: +1 216-524-6331
E-Mail: info@sifcoasc.com

Contact Person

Emergency telephone number

Emergency telephone CHEMTREC (United States) (800) 424-9300; CHEMTREC (International) +1 703-527-3887

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 2 - H225

Health hazards Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304

Environmental hazards Not Classified

Label elements

Pictogram



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.

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| | |
|---------------------------------|--|
| Precautionary statements | <p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P220 Keep away from clothing.</p> <p>P233 Keep container tightly closed.</p> <p>P260 Do not breathe vapor/spray.</p> <p>P262 Do not get in eyes, on skin, or on clothing.</p> <p>P264 Wash skin thoroughly after handling.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P410 Protect from sunlight.</p> <p>P301+P310 If swallowed: Immediately call a poison center/doctor.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p> |
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Contains TOLUENE

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

| | |
|---|----------------|
| TOLUENE | 60-100% |
| CAS number: 108-88-3 | |
| Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d Asp. Tox. 1 - H304 STOT SE 3 - H336 STOT RE 2 - H373 STOT SE 3 - H336 | |

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

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| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention. |
| Ingestion | Do not induce vomiting. Never give anything by mouth to an unconscious person. |
| Skin Contact | Rinse immediately with plenty of water. Remove contaminated clothing. |
| Eye contact | Do not rub eye. Important! Immediately rinse with water for at least 15 minutes. Get medical attention. |

Most important symptoms and effects, both acute and delayed

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|---------------------|---|
| Inhalation | May cause respiratory irritation. Coughing, chest tightness, feeling of chest pressure. |
| Ingestion | May cause chemical burns in mouth and throat. May cause stomach pain or vomiting. |
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. |

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Eye contact Causes severe burns. May cause serious eye damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards The product is highly flammable. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Oxides of: Carbon.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors. Risk of explosion. Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Take precautionary measures against static discharges. Avoid inhalation of vapors and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate.

Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Avoid the spillage or runoff entering drains, sewers or watercourses. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Inform authorities if large amounts are involved.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid inhalation of vapors/spray and contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented.

Conditions for safe storage, including any incompatibilities

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Storage precautions Keep in a cool place. Suitable container materials: Mild steel. Stainless steel. Copper. Keep away from oxidizing materials, heat and flames. Keep away from heat, sparks and open flame. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Take precautionary measures against static discharges.

Storage class Flammable liquid storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Ingredient comments WEL = Workplace Exposure Limits

Exposure controls

Protective equipment



Appropriate engineering controls All handling should only take place in well-ventilated areas. Provide adequate general and local exhaust ventilation.

Eye/face protection Tight-fitting safety glasses.

Hand protection It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection Wear apron or protective clothing in case of contact.

Hygiene measures Wash after use and before eating, smoking and using the toilet.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

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|--|-----------------------------|
| Appearance | Clear liquid. |
| Color | Colorless. |
| Odor | Organic solvents. |
| pH | Not relevant. |
| Initial boiling point and range | 110.6°C/231°F @ |
| Flash point | 8.9°C/48°F CC (Closed cup). |
| Vapour pressure | 21.9 mm Hg @ 25°C/77°F |
| Vapour density | Not known. |
| Other information | Not available. |

10. Stability and reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

Stability Stable at normal ambient temperatures and when used as recommended.

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|---|---|
| Possibility of hazardous reactions | Not determined. |
| Conditions to avoid | Avoid heat, flames and other sources of ignition. |
| Materials to avoid | Oxidizing materials. |
| Hazardous decomposition products | Oxides of the following substances: Carbon. |

11. Toxicological information

Information on toxicological effects

Acute toxicity - inhalation

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| ATE inhalation (gases ppm) | 30,000.0 |
| ATE inhalation (vapours mg/l) | 73.33 |
| ATE inhalation (dusts/mists mg/l) | 10.0 |

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|---|--|
| General information | Toxic to Reproduction Category 3. Possible risk of harm to the unborn child. |
| Inhalation | Harmful if inhaled. Vapours may cause drowsiness and dizziness. |
| Ingestion | Harmful if swallowed. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhea. |
| Skin Contact | Irritating to skin. Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause allergic contact eczema. May be absorbed through the skin. |
| Eye contact | Irritating to eyes. |
| Acute and chronic health hazards | May cause chemical eye burns. |
| Route of entry | Ingestion Inhalation Skin and/or eye contact |

12. Ecological Information

| | |
|--|---|
| Ecotoxicity | Not regarded as dangerous for the environment. |
| <u>Toxicity</u> | |
| Toxicity | No data available. |
| Acute toxicity - fish | LC ₅₀ , 96 hours: 6.3 - 63 mg/l mg/l, Fish |
| <u>Persistence and degradability</u> | |
| Persistence and degradability | No data available. |
| <u>Bioaccumulative potential</u> | |
| Bio-Accumulative Potential | The product does not contain any substances expected to be bioaccumulating. |
| <u>Mobility in soil</u> | |
| Mobility | The product has poor water-solubility. |
| <u>Results of PBT and vPvB assessment</u> | |

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Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Other adverse effects

Not determined.

13. Disposal considerations

Waste treatment methods

General information

Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. Do not puncture or incinerate, even when empty.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

UN Number

Not applicable.

UN No. (DOT) 1294

UN No. (IMDG) 1294

UN No. (ICAO) 1294

UN proper shipping name

Not applicable.

Proper shipping name (DOT) TOLUENE

Proper shipping name (IMDG) TOLUENE

Proper shipping name (ICAO) TOLUENE

Transport hazard class(es)

No transport warning sign required.

IMDG Class 3

IMDG subsidiary risk

ICAO class/division 3

ICAO subsidiary risk

Transport labels



Packing group

Not applicable.

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DOT pack group II

IMDG packing group II

ICAO packing group II

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

EmS F-E, S-D

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Toluene

Final CERCLA RQ: 1,000 lbs

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Exempt.

SARA 313 Emission Reporting

Toluene

CAA Accidental Release Prevention

HAP

Toluene

SARA (311/312) Hazard Categories

Acute

Chronic

Fire

OSHA Highly Hazardous Chemicals

Exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Toluene

California Directors List of Hazardous Substances

Toluene

Inventories

US - TSCA

All ingredients are present.

TuffMask Thinner**16. Other information**

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|-----------------------------------|--|
| Revision date | 6/18/2015 |
| Revision | 3 |
| Hazard statements in full | H225 Highly flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. |
| NFPA - flammability hazard | Ignites easily. (3) |
| NFPA - health hazard | Temporary incapacitation, injury. (2) |
| NFPA - instability hazard | Normally stable. (0) |

The Information in this data sheet is believed to be correct but neither we nor our employees or agents give any warranty or make any representation to the accuracy thereof and accept no liability for any loss, injury or damage which may result in it's use. The sole purpose of this data sheet is to provide guidance on the safe handling and use of the products to which it relates. It does not form part of any product specification nor part of any contract. It is not practical for the guidance and information in this data sheet to cover every conceivable application of a product and as we may not be aware of the use to which the products covered by this data sheet are to be put it remains the responsibility of the user to conduct it's own tests and to satisfy itself as to the suitability of the product.