



# SAFETY DATA SHEET

SDS No. 1627A

Revision Date: January 3, 2023 Version 5.0

GHS Compliant

## Section 1 - Identification of the substance/mixture and of the company

### 1.1 Product Identifier

Trade Name: **Derma-tac Remover**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

General Use: Intermediate, Binding Agent

Restrictions on Use: None known

### 1.3 Details of the supplier of the safety data sheet:

Company: Smooth-On, Inc.,  
5600 Lower Macungie Rd., Macungie, PA 18062

Telephone: Phone (610) 252-5800

E-mail address: Visit our website at [www.smooth-on.com](http://www.smooth-on.com) or email  
[www.sds@smooth-on.com](mailto:www.sds@smooth-on.com)

1.4 **Emergency Contact:** Chem-Tel Domestic: 800-255-3924 International: 813-248-0585

## Section 2 – Hazard(s) Identification

### 2.1 Classification of the substance or mixture:

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

**H227** Flammable Liquids – Category 4

**H304** Aspiration Toxicant – Category 1

### 2.2 GHS Label elements, including precautionary statements



**Pictogram(s):**

**Signal word:** Danger

#### Health Hazards

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

#### General Precautions

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

#### Prevention Precautions

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

#### Response Precautions

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

P331 Do not induce vomiting.

P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish.

**Storage Precautions**

P403 Store in a well-ventilated place.

**Disposal Precautions**

P501 Dispose of contents/container according to local, state and federal laws.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none known****Section 3 - Composition / Information on Ingredients****3.1 Substances/Mixtures**

The following ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200:

**Hazardous components**

Chemical name	Classification	Concentration (% w/w)
<b>Hydrocarbons, C10-C12, isoalkanes, &lt; 2% aromatics</b>		
CAS-No. 64742-48-9 EC: 923-037-2	Flam. Liq. 2; Aspir. Tox. 1; H227, H304	<= 100

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section 4 - First Aid Measures****4.1 Description of first aid measures****Inhalation**

Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

**Eye Contact**

Flush eyes with plenty of water. If irritation persists, seek medical attention.

**Skin Contact**

In the event of irritation, wash thoroughly with soap and water.

**Ingestion**

Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

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

None known.

**4.3 Indication of any immediate medical attention and specific treatment needed.**

None known.

**Section 5 - Fire-Fighting Measures****5.1 Extinguishing Media**

Water Fog, Dry Chemical, and Carbon Dioxide Foam

**5.2 Special hazards arising from the substance or mixture**

None known.

**5.3 Advice for firefighters**

Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

**Section 6 - Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely.

**6.2 Environmental precautions**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

**6.3 Methods and material for containment and cleaning up**

Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely. Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

**6.4 Reference to other sections**

See Section 3 for list of Hazardous Ingredients; Sections 8 for Exposure Controls; and Section 13 for Disposal.

**Section 7 - Handling and Storage****7.1 Precautions for safe handling**

Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

**Static Accumulator**

This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 100 ps/m (100x10E-12 Siemens per meter) and is considered a semi-conductive, static accumulator if its conductivity is below 10,000 ps/m. Whether a liquid is nonconductive or semi-conductive, the precautions are the same. Many factors, for example liquid temperature, presence of contaminants, anti-static additives and filkation can greatly influence the conductivity of a liquid.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

**7.3 Specific end use(s)**

These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

**Section 8 - Exposure Controls / Personal Protection****8.1 Control parameters****Exposure limits/standards (Note: Exposure limits are not additive)**

Substance Name	Form	Limit / Standard			NOTE	Source
Naphtha (petroleum), Hydrotreated Heavy						
		TWA	400 mg/m <sup>3</sup>	100 ppm	N/A	OSHA Z1
	Vapor	RCP-TWA	1200 mg/m <sup>3</sup>	171 ppm	Total Hydrocarbons	ExxonMobil

NOTE: Limits/standards shown for guidance only. Follow applicable regulations

No biological limits allocated

**8.2 Exposure controls  
Respiratory Protection**

Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

**Hand Protection**

Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

**Eye Protection**

Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Other Protective Clothing/Equipment**

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

**Comments**

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

**Section 9 - Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	Liquid	<b>Vapor pressure:</b>	0.04 kPa (0.3 mm Hg) at 20 °C (calculated)
<b>Odor:</b>	Faint	<b>Vapor density (Air=1):</b>	5.6 at 1.01 kPa
<b>Odor threshold:</b>	No data	<b>Relative density:</b>	0.77
<b>pH:</b>	No data	<b>Solubility:</b>	Negligible in water
<b>Melting / freezing point:</b>	No data	<b>Viscosity:</b>	2.3 cSt at 20°C

<b>Low / high boiling point:</b>	190°C – 208°C	<b>Auto-ignition temperature:</b>	332°C
<b>Flash Point:</b>	62°C	<b>Decomposition temperature:</b>	No data
<b>Evaporation rate:</b>	No data	<b>Viscosity:</b>	No data
<b>Flammability (solid, gas):</b>	No data	<b>Explosive properties:</b>	No data
<b>Upper/lower flammability or explosive limits:</b>	0.7 / 6.0	<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b>	No data

## Section 10 - Stability and Reactivity

### 10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated., No corrosive effect on metal. Not fire propagating.

### 10.2 Chemical stability

These products are stable at room temperature in closed containers under normal storage and handling conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerization cannot occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

Strong bases and acids.

### 10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

## Section 11- Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity

Dermal LD50 (Rabbit) > 5,000 mg/kg  
 Oral LD50 (Rat) > 5,000 mg/kg  
 Inhalation LC50 (Rat) 8 hrs > 5,000 mg/m<sup>3</sup> (Vapor)

#### Skin Corrosion/Irritation

May dry the skin leading to discomfort and dermatitis.

#### Serious Eye Damage/Irritation

May cause mild, short-lasting discomfort to eyes.

#### Respiratory/Skin Sensitization

Not expected to be a respiratory or skin sensitizer.

#### Germ Cell Mutagenicity

Not expected to be a germ cell mutagen.

#### Carcinogenicity

No component of these products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH or NTP.

**Reproductive Toxicity**

Not expected to be a reproductive toxicant.

**Specific Target Organ Toxicity – Single Exposure**

Not expected to cause organ damage from a single exposure

**Specific Target Organ Toxicity – Repeated Exposure**

Not expected to cause organ damage from prolonged or repeated exposure.

**Aspiration Hazard**

May be fatal if swallowed and enters airways.

**Chronic Exposure**

No data

**Potential Health Effects – Miscellaneous**

Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

**Section 12 - Ecological Information****12.1 Toxicity**

Toxicity to fish (Chronic toxicity)

NOEC *Oncorhynchus mykiss* (rainbow trout): 0.21 mg/l; 28 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

NOEC *Daphnia magna* (Water flea): 0.02 mg/l; 21 d

OECD Test Guideline 211

**12.2 Persistence and Degradability**

Not readily biodegradable.

**12.3 Bioaccumulative Potential**

No data.

**12.4 Mobility in Soil**

No data.

**12.5 Results of PBT and vPvB assessment**

No data.

**12.6 Other Adverse Effects**

No data.

**Section 13 - Disposal Considerations****13.1 Waste treatment methods**

Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for



All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

None known.

### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute), Delayed (Chronic), Fire

### State Right-to-Know

#### Component

Naphtha (petroleum), Hydrotreated Heavy

#### CAS#

64742-48-9

#### State

PA, NJ, MN

### California Proposition 65

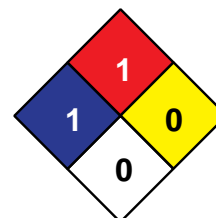
This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

## 15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

## 16 - Other Information

HMIS	
H	1
F	1
R	0



NFPA

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Full text of H-Statements referred to under Sections 2 and 3.

**H227** Combustible liquid  
**H304** May be fatal if swallowed and enters airways

### Glossary

ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal



Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

**Disclaimer**

The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.