



SAFETY DATA SHEET

SDS No. 1627A

Revision Date: 12/13/2017

Version: 3.0

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

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 of person responsible for the SDS: Visit our website at www.smooth-on.com or email 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)
Naphtha (petroleum), Hydrotreated Heavy		
CAS-No. 64742-48-9	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**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
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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 ³	100 ppm	N/A	OSHA Z1
	Vapor	RCP-TWA	1200 mg/m ³	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

Appearance:	Liquid	Vapor pressure:	0.04 kPa (0.3 mm Hg) at 20 °C (calculated)
Odor:	Faint	Vapor density (Air=1):	5.6 at 1.01 kPa
Odor threshold:	No data	Relative density:	0.77
pH:	No data	Solubility:	Negligible in water

Melting / freezing point:	No data	Viscosity:	2.3 cSt at 20°C
Low / high boiling point:	190°C – 208°C	Auto-ignition temperature:	332°C
Flash Point:	62°C	Decomposition temperature:	No data
Evaporation rate:	No data	Viscosity:	No data
Flammability (solid, gas):	No data	Explosive properties:	No data
Upper/lower flammability or explosive limits:	0.7 / 6.0	Specific Gravity (H₂O=1, at 4 °C):	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/m³ (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 hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, state and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

Section 14 - Transport Information

Not regulated by DOT, IATA or IMDG

14.1 UN number: none

14.2 UN proper shipping name: none

14.3 Transport hazard class(es): not applicable

14.4 Packing group: not applicable

14.5 Environmental hazards: none known

14.6 Special precautions for user: none known

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable

Section 15 - Regulatory Information**15.1 Safety health and environmental regulations/legislation specific for the substance or mixture****REACH: Regulation (EC) No 1907/2006 of The European Parliament and of The Council of December 2006 (including amendments and corrigenda as of 17 February 2016)**

This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).

EPCRA - Emergency Planning and Community Right-to-Know**CERCLA**

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLA petroleum exclusion applies for this product. Contact local authorities to determine if other reporting requirements apply.

In the United States (EPA Regulations):**TSCA Inventory Status (40 CFR710)**

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.

SARA 313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

SARA 311/312 Hazards

Fire, Immediate (Acute), Delayed (Chronic)

State Right-to-Know

Component

Naphtha (petroleum), Hydrotreated Heavy

CAS#

64742-48-9

State

PA, NJ, MN

California Proposition 65

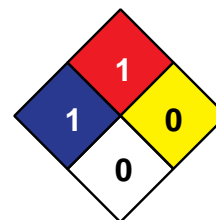
This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

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

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.