



SAFETY DATA SHEET

SILICONE & ADHESIVE REMOVER

Date issued : 04/18/2022

1. Identification

Product name: SILICONE & ADHESIVE REMOVER

Product number: SAR

Supplier: Verax Chemical Co
20102 Broadway Ave
Snohomish, WA 98296
(360) 668-2431

Emergency Telephone: USA (800) 535-5053 International: +1 (352) 323-3500

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Acute Toxicity (Oral), Category 4
Skin Corrosion, Category 2
Target Organ Toxicity (Repeated exposure), Category 2
Aspiration Hazard, Category 2

Physical hazards:

Flammable Liquids, Category 3

Label elements



Flame

Health
hazardExclamation
mark

Signal word: DANGER

Hazard statement(s)

H226: Flammable liquid and vapour.
H315: Causes skin irritation.
H413: May cause long lasting harmful effects to aquatic life.
H304: May be fatal if swallowed and enters airways.
H332: Harmful if inhaled.

Precautionary statement(s)

Supplemental label elements:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P243: Take action to prevent static discharges.

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P240: Ground and bond container and receiving equipment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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and easy to do. Continue rinsing.

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

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P102: Keep out of reach of children.

P271: Use only outdoors or in a well-ventilated area.

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

Emergency overview

Immediate concerns: WARNING! FLAMMABLE LIQUID AND VAPOR. CAUSES EYE AND SKIN BURNS, HARMFUL AND CORROSIVE IF SWALLOWED, HIGH VAPOR CONCENTRATIONS MAY CAUSE DROWSINESS AND IRRITATION OF THE EYES OR RESPIRATORY TRACT. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING, OR IRRITATION.

Potential health effects

Eye: Liquid is moderately irritating to the eyes. High vapor concentrations may also be irritating. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness.

Skin: Liquid is mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Inhalation: Vapors may be irritating to the nose, throat, and respiratory tract. Exposure to high vapor concentrations may cause central nervous system (CNS) depression.

Medical conditions aggravated: Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.

Comments health: Male rats exposed for 90 days by inhalation to vapors of similar solvents showed evidence of kidney damage. The relevance of this effect to humans is unknown. In one of the studies a low grade anemia was also observed.

3. Composition/information on ingredients

Chemical name	Vol. %	CAS No.
Solvent naphtha (petroleum), medium aliphatic	40 - 60	64742-88-7
Toluene	40 - 60	108-88-3

Comments: Solvent Naphtha contains the following constituents: Xylenes (1330-20-7) less than 1 % by weight and trimethylbenzene, 1,2,4,- less than 1% by weight.

4. First-aid measures

Eye: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Ingestion: If swallowed, DO NOT INDUCE vomiting. If conscious, have victim rinse mouth out with water, then drink

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sips of water to remove taste from mouth. DO NOT GIVE LIQUIDS TO A DROWSY, CONVULSING OR UNCONSCIOUS PERSON. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Transport to nearest medical facility for additional treatment.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Most important symptoms and effects, both acute and delayed

Acute effects: Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis.

5. Fire-fighting measures

Flammable class: Class IB flammable liquid.

Suitable extinguishing media: Use water fog, "alcohol" foam, dry chemical, or CO₂.

Hazardous combustion products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

Explosion hazards: When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Fire fighting procedures: Clear fire area of all non-emergency personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus. Containers exposed to intense heat from fires should be cooled with large quantities of water to prevent weakening of container structure which could result in container rupture.

Fire fighting equipment: The use of SCBA is recommended for firefighters. Water spray may be used to cool containers exposed to heat or flame.

6. Accidental release measures

Small spill: Small spills: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Large Spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Environmental precautions

Water spill: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

General procedures: Remove all sources of ignition and provide ventilation. Wear protective clothing as given in section 8. Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material with absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal using non-sparking equipment. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for proper disposal.

SILICONE & ADHESIVE REMOVER**7. Handling and storage**

General procedures: Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash hands thoroughly with soap and water after handling.

Conditions for safe storage: Store in a cool, dry, ventilated storage area with acid resistant floors and good drainage. Protect from physical damage. Keep out of direct sunlight and away from heat, water, and incompatible materials. Do not wash out container and use it for other purposes.

Storage temperature: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area.

Comments: KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death. Observe all federal, state, and local regulations and National Fire Protection Association (NFPA) Codes with pertain to the specific local conditions of stage and use, including OSHA 29 CFR 1910.106 and NFPA 30, 70, 77, and 497.

8. Exposure controls/personal protection**Exposure controls**

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
Toluene	OSHA PEL	TWA	200	
		STEL	300 ^[1]	^[1]
	ACGIH TLV	TWA	50 ^[2]	188 ^[2]
Footnotes:				
1. C = Ceiling				
2. S = Skin				

Appropriate engineering controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles and face shield in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your industrial hygienist.)

Skin protection - hand protection: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory protection: If exposure may or does exceed occupational exposure limits (Sec. 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Skin protection - other: Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required.

Occupational hygiene practices: Use good personal hygiene when handling this product. Wash hands after use, before

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eating, drinking, smoking, or using the toilet.

Other use precautions: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. Physical and chemical properties

Chemical name	Flash Point (°C)	Boiling Point (°C)	Auto Ignition (°C)	Solubility in Water	Specific Gravity
Solvent naphtha (petroleum), medium aliphatic	60 TAG CC	160		Solubility negligible in water.	0.77
Toluene	4.5 TAG CC	111.111	480	0.07% (74 deg. F)	0.87

Physical state: Liquid

Appearance: Clear

Color: Colorless.

Odor: Mild odor.

pH: Essentially neutral.

Melting point: No Data Available.

Freezing point: NDA = no data available.

Initial boiling point and boiling range: (300°F) to (350°F)

Flash point: (84°F) TAG CC

Evaporation rate (n-butyl acetate = 1): Slower than ether.

Lower explosion limit / flammability limit: 9.0 %Vol

Upper explosion limit / flammability limit: 7.0 %Vol

Vapor pressure: 1 at (56°F)

Relative vapor density: Heavier than air.

Density: 6.81 at (60°F)

Relative density: 0.87 to 0.89

Solubility: Negligible

Auto-ignition temperature: No data available.

Percent volatiles: 100

10. Stability and reactivity

Reactivity: Yes

Dangerous polymerization: No

Chemical stability: Stable under normal conditions.

Conditions to avoid: Avoid heat, sparks, flame and contact with strong oxidizing agents.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Hazardous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion. There should be no decomposition if stored and applied as directed.

Incompatible materials: Strong oxidizers.

SILICONE & ADHESIVE REMOVER**11. Toxicological information****Acute toxicity**

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
Solvent naphtha (petroleum), medium aliphatic	> 5000	> 3000	> 5500

Carcinogenicity

Chemical name	IARC
Toluene	3

12. Ecological information

Ecotoxicological information: No known significant effects or critical hazards.

13. Disposal considerations

Disposal methods: The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

Empty container: KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

RCRA/EPA waste information: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport information**USA Department of Transport Regulations (DOT)**

UN proper shipping name: Flammable Liquids, N.O.S. (Toluene, Xylene)

Transport hazard class(es): 3

UN number: UN 1993

Packing group, if applicable: II

NAERG: 128

Hazard label: Flammable liquid

15. Regulatory information**UNITED STATES****SARA Section 311/312 Hazard Categories**

311/312 Health hazards: This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

313 reportable ingredients: Toluene (108-88-3), Xylenes (1330-20-7)

SILICONE & ADHESIVE REMOVER**EPCRA Section 313 Toxic Chemicals**

Chemical name	Vol. %	CAS No .
Toluene	40 - 60	108-88-3

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: To the best of our knowledge, none of the chemicals in this product are listed as an extremely hazardous substance under Section 302 of SARA Title III nor does this product contain any other such substances.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	Vol. %	CERCLA rq
Toluene	40 - 60	1,000

CERCLA rq: Component RQ (lbs)

Xylenes (o-, m-, p- isomers) 100

Toluene 1000

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Solvent naphtha (petroleum), medium aliphatic	64742-88-7
Toluene	108-88-3

TSCA regulatory: All components of this product are on the TSCA inventory or are exempt from TSCA Inventory requirements under CFR 40 CFR 720.30.

California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: Benzene, Toluene

Chemical name	Vol. %	Listed
Toluene	40 - 60	● Female Reproductive

General comments: The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

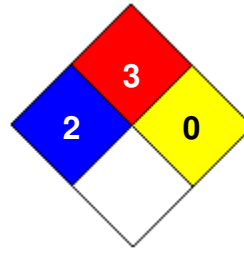
16. Other information

Approved by: Compliance

Date Prepared: 04/18/2022

SILICONE & ADHESIVE REMOVER**HMIS rating**

Health	<input type="checkbox"/>	2
Flammability	<input type="checkbox"/>	3
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input type="checkbox"/>	H

NFPA codes

NFPA 30 / 30B Storage Classification: These ratings are part of a specific hazard communication program and should be disregarded where individuals are not trained in the use of this hazard rating system. You should be familiar with the hazard communication programs applicable to your workplace.

Manufacturer disclaimer: The information contained herein is based on the data available to us and is believed to be accurate. However, Verax Chemical Co. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Verax Chemical Co. assumes no responsibility for injuries from the use of the product described herein.