

VaproTak™ SB

Issue Date 2021.12.17

Revision Date: 2026.06.08

Revision Number 2.1

SECTION 1 - PRODUCT IDENTIFICATION

Product Identifier

Product Name: VaproTak™ SB

Other means of identification

Other Names/Synonyms: Part No. 60404625

Recommended use of the chemical and restrictions on use

Recommended use: Restricted to professional users as a liquid adhesive for self-adhered air barriers for use in building construction.

Uses advised against: No information available

Details of the supplier of the safety data sheet

Supplier Address: VAPROSHIELD
915 26TH Ave. NW, #C-5
Gig Harbor, WA 9335
866-731-7663

Emergency telephone number

Product Information: 8:00 AM - 5:00 PM PST Monday-Friday 1-866-731-7663

24 hour Emergency Contact: 24/7 CHEMTREC: 1-800-424-9300 or 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification: TOXIC TO REPRODUCTION (Unborn child) - Category 2
AQUATIC HAZARD (ACUTE) - Category 2
AQUATIC HAZARD (LONG-TERM) - Category 2

Flammable Liquids	Category 2
Skin Corrosion/Irritation	Category 2
Reproductive toxicity (fertility)	Category 2
Reproductive toxicity (unborn child)	Category 2
Specific Target Organ toxicity (single exposure) [narcotic effects]	Category 3
Specific Target Organ toxicity (repeated exposure)	Category 2
Aspiration Hazard	Category 1
Aquatic Toxicity (chronic)	Category 2

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Label Elements

EMERGENCY OVERVIEW:

Signal word: Danger

Hazard statements

- Highly flammable liquid and vapor.
- Causes skin irritation.
- Causes serious eye irritation
- Suspected of damaging fertility or the unborn child.
- May be fatal if swallowed and enters airways.
- May cause drowsiness and dizziness.
- May cause damage to organs through prolonged or repeated exposure.



Appearance: Red

Physical state: Liquid

Odor: Hydrocarbon [strong]

PRECAUTIONARY STATEMENTS:

PREVENTION: Obtain special instructions before use. Obtain special instructions before use

- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling
- Use only outdoors or in a well-ventilated area
- Do not breathe dust/fume/gas/mist/vapors/spray
- Keep away from heat/sparks/open flames/hot surfaces. – No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Use explosion-proof equipment
- Keep cool

RESPONSE: If exposed or concerned: Get medical advice/attention.

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
- IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinguishment.

STORAGE: Store locked up. Store in a well-ventilated place. Keep cool.

DISPOSAL: Dispose of contents and container in accordance with all local, regional, national and international regulations.

OTHER HAZARDS: Toxic to aquatic life with long lasting effects.

PHYSICAL DESCRIPTION: This product is a liquid adhesive.

SECTION 3 - COMPOSITION/INFORMATION

Component	CAS-No.	Weight - %
Toluene	108-88-3	30 - 35 %
Hexane	110-54-3	30 - 35 %

The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200 or is due to batch variation.

Occupational exposure limits, if available are listed in section 8.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:

GENERAL ADVICE: Provide this SDS to medical personnel from treatment.

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Seek medical attention if irritation develops or persists.

SKIN EXPOSURE: Remove all contaminated clothing immediately. Rinse skin with plenty of water. Wash contaminated clothing before reuse. Get medical attention.

EYE EXPOSURE: *Rinse cautiously with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinsing. Get medical attention if irritation occurs.*

INGESTION: Immediately call a poison center or doctor/physician. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Symptoms Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Do not use water jet or water-based fire extinguishers.

Specific hazards arising from the chemical:

Highly flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

VaproTak™ SB

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Hazardous thermal decomposition products:

Decomposition products may include the following materials:
Carbon dioxide
carbon monoxide

Protective equipment and precautions for fire fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Personal Precautions:

Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak.

For emergency responders:

Use personal protection recommended in Section 8.

Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up

Methods for containment:

Prevent further leakage or spillage if safe to do so.

Methods for clean-up:

Large spill: Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant of 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 (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling:

Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Use explosion proof equipment. Keep cool.

Conditions for safe storage, including any incompatibilities

Storage Conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials:

Oxidizing materials. Acids. Alkalis.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL Z2	NIOSH IDLH
Toluene (108-88-3)	Ototoxicant - potential to cause hearing disorders TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
n-Hexane (110-54-3)	TWA: 50 ppm	TWA: 500 ppm TWA: 1800 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m ³	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m ³

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face Protection Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Wear protective gloves and protective clothing. Flame retardant antistatic protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Color: Red
Odor: Hydrocarbon. [Strong]
pH: No data available
Melting/freezing point: No data available
Boiling point: 67°C (152.6°F)
Flash point: -19.4°C (-2.9°F) [Tagliabue.]
Evaporation rate: 4.5 (ether (anhydrous) = 1)
Flammability (solid, gas): Liquid-Not applicable
Lower and upper explosive (flammable) limits: Lower 1.2%
Upper 7.5%
Vapor pressure: 20.3 kPa (152 mm Hg) [room temperature]
Vapor density: 3.5 [Air = 1]
Relative density: 0.9 kg/L
Solubility: Partially soluble in the following materials: cold water and hot water.

VaproTak™ SB

Issue Date 2021.12.17

Revision Date: 2026.06.08 Revision Number 2.1

Partition coefficient: Not determined
Auto-ignition temperature: No data available
Hyphen: Not determined
Kinematic viscosity: 51-56 KU
Dynamic Viscosity: Not determined
Explosive Properties: Not determined
Oxidizing Properties: Not determined
VOC: 527 g/L

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

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

Conditions to avoid: Avoid all possible sources of ignition, spark or flame. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

Hazardous decomposition products: None known based on information supplied.

SECTION 11 - TOXICOLOGY INFORMATION

Information on likely routes of exposure

Eye contact Avoid contact with eyes.

Skin contact Avoid contact with skin.

Inhalation May be harmful if inhaled.

Ingestion Do not ingest.

Component Information

Product/ingredient	Result	Species	Dose	Exposure
Toluene 108-88-3	LD50 Inhalation Vapor	Rat	12.5 mg/L	4 hours
	LC50 Oral	Rat	2600 mg/kg	-
	LD50 Dermal	Rabbit	12000 mg/kg	-
n-Hexane 110-54-3	LD50 Inhalation Vapor	Rat	48000 ppm	4 hours
	LC50 Oral	Rat	25 g/kg	-
	LD50 Dermal	Rabbit	3000 mg/kg	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes skin irritation.

VaproTak™ SB

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Serious eye damage/eye irritation

Causes serious eye irritation.

Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

Product/ingredient	OSHA	*IARC	NTP	ACGIH
Toluene 108-88-3	-	Group 3	-	

*ARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT - single exposure

May cause drowsiness or dizziness.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

Numerical measures of toxicity

Oral LD50

6,174.90 mg/kg

Dermal LD50

6,530.20 mg/kg

ATEmix (inhalation-vapor)

287.00 mg/l

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Product/ingredient name	Algae/aquatic plants	Fish	Crustacea
Toluene 108-88-3	C50: >433mg/L (96h, Pseudokirchneriella subcapitata) EC50: =12.5mg/L (72h, Pseudokirchneriella subcapitata)	LC50: 15.22 - 19.05mg/L (96h, Pimephales promelas) LC50: =12.6mg/L (96h, Pimephales promelas) LC50: 5.89 - 7.81mg/L (96h, Oncorhynchus mykiss) LC50: 14.1 - 17.16mg/L (96h, Oncorhynchus mykiss) LC50: =5.8mg/L (96h, Oncorhynchus mykiss) LC50: 11.0 - 15.0mg/L (96h, Lepomis macrochirus) LC50: =54mg/L (96h, Oryzias latipes) LC50: =28.2mg/L (96h, Poecilia reticulata) LC50: 50.87 - 70.34mg/L (96h, Poecilia reticulata)	EC50: 5.46 - 9.83mg/L (48h, Daphnia magna) EC50: =11.5mg/L (48h, Daphnia magna)
Hexane 110-54-3		LC50: 2.1 - 2.98mg/L (96h, Pimephales promelas)	

VaproTak™ SB

Issue Date 2021.12.17

Revision Date: 2026.06.08 Revision Number 2.1

Persistence and degradability: Not determined.

Bioaccumulative potential: There is no data for this product.

Mobility

Product/ingredient name	Partition coefficient
Toluene 108-88-3	2.73
Hexane 110-54-3	4

Other adverse effects: Not determined

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Product/ingredient name	California Hazardous Waste Status
Toluene 108-88-3	Toxic Ignitable
Hexane 110-54-3	Toxic Ignitable

SECTION 14 - TRANSPORTATION INFORMATION

	DOT Classification	IMDG	IATA
UN number	UN1139	UN1139	UN1139
Proper shipping name	Coating solution (Toluene, n-hexanes)	Coating solution (Toluene, n-hexanes)	Coating solution (Toluene, n-hexanes)
Transport hazard class(es)	3	3	3
Packing group	II	II	II
Reportable Quantity	2999.4 lbs / 1361.7 kg [399.7 gal / 1513 L]		
Marine Pollutant	Yes.	Yes.	

SECTION 15 - REGULATORY INFORMATION

International Inventories

Name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIC
Toluene	X	ACTIVE	X	X	X	X	X	X	X
Hexane	X	ACTIVE	X	X	X	X	X	X	X
Polystyrene-block-polyisoprene-block-polystyrene	X	ACTIVE	X		X	X	X	X	X
1,3-butadiene-styrene block polymer	X	ACTIVE	X		X	X	X	X	X

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Product/ingredient name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Hexane 110-54-3	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Product/ingredient name	CAS No	Weight-%	SARA 313 - Threshold Values %
Toluene	108-88-3	30-35	1.0
Hexane	110-54-3	30-35	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR122.21 and 40 CFR 122.42)

Product/ingredient	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Toluene 108-88-3	1000 lb	X	X	X

VaproTak™ SB

Issue Date 2021.12.17

Revision Date: 2026.06.08 Revision Number 2.1

US State Regulations

California Prop.65

⚠ WARNING: This product contains the following Proposition 65 chemicals. For more information go to www.P65Warnings.ca.gov.

Ingredient name	California Proposition 65
Toluene 108-88-3	Developmental
Hexane 110-54-3	Male Reproductive

U.S. State Right-to-Know Regulations

Massachusetts: None of the components are listed
 New Jersey: None of the components are listed
 Pennsylvania: None of the components are listed

SECTION 16 - OTHER INFORMATION

NFPA	Health hazards	Flammability	Instability	Special hazards
	-	-	-	-
HMIS	Health hazards	Flammability	Physical hazards	Personal Protection
	-	-	-	Not determined

Prepared By Regulatory Department
Issuing Date 8-June-2026

Disclaimer

Information provided in this Safety Data Sheet is given in good faith and is, to the best of our knowledge and belief, accurate and reliable. However, since information herein was obtained, in part, from independent suppliers not under the direction and supervision of VAPROSHIELD, the information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. VAPROSHIELD warrants only that it has made no effort to censor other than trade secret information or to conceal deleterious aspects of its products. The information relates only to the specific material designated and may not be valid for material used in combination with other materials or in any process, unless noted in the text.

End of Safety Data Sheet