

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : STAR BRITE TEAK SEALER LIGHT
Product code : 879XX

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

Application : Paint. Other paints and coating materials.

1.3. Details of the supplier of the safety data sheet

Supplier : Star brite
4041 SW 47th Avenue
33314 Fort Lauderdale, Florida
United States of America
Telephone : +1-954 587-6280
E-mail : info@starbrite.com
Website : http://www.starbrite.com

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:
US - Telephone : +1-703-527-3887 (During office hours only)
EMERGENCY TELEPHONE NUMBER (for DOCTORS only):
Chemtrec 001 703 5273887 (24/7)

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification (HCS : Flammable liquid, category 3. Skin sensitization, category 1. Reproductive toxicity, category 2. §1910.1200)
Hazards not otherwise classified : Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements (1910.1200)
Hazard pictograms :



Signal word : Danger

H- and P-phrases : H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H361d Suspected of damaging the unborn child.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapours.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P272	Contaminated work clothing should not be allowed out of the workplace.
P362+P364	Take off contaminated clothing and wash it before reuse.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/soap.
P303+P361	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
+P353	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see section 4 on the SDS).
P370+P378	In case of fire: Use carbondioxide, foam, dry chemical, water fog to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to an official chemical waste depot.

Additional labelling (for all packaging sizes)

: 32 per cent of the mixture consists of component(s) of unknown acute toxicity.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w%)	CAS nr.	Additional CAS nr.	Hazards
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	60 - < 80	-----	64742-47-8	Flam. Liq. 4; H227 Asp. Tox. 1; H304
Toluene	0,1 - < 1	108-88-3	-----	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Repr. 2; H361d STOT RE 2; H373
Aromatic ether	0,1 - < 1	-----	-----	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317

Occupational exposure limit(s), if relevant, are listed in section 8. The actual concentration has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variations.

Reference is made to chapter 16 for full text of each relevant H phrase.

SECTION 4 FIRST-AID MEASURES

4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation occurs.
- Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Do not induce vomiting. Give nothing to drink. Do rinse the mouth. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : Repeated exposure may cause skin dryness or cracking. May produce an allergic reaction. May cause dry skin.
- Eye contact : May cause stinging of eyes and redness.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea. May cause lung damage, sore throat and lack of breath.

4.3. Indication of any immediate medical attention and special treatment needed

- Note to physicians : None known.

SECTION 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

- Suitable : Carbondioxide (CO2). Foam. Dry chemical. Water fog.
- Not suitable : Water jet. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Special exposure hazards : Will float on water and can be reignited. The vapour is heavier than air, spreads along the ground and distant ignition is possible.
- Hazardous thermal decomposition and combustion products : Carbon monoxide may be evolved if incomplete combustion occurs.

5.3. Advice for firefighters

- Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.
- NFPA hazard rating :



SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Keep away from sources of ignition — No smoking. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.



6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Clean contaminated surface preferably with a special cleaner. Avoid use of solvents.

6.4. Reference to other sections

Reference to other sections : See also section 8.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 50 °C). Protect from sunlight. Keep away from oxidizing agents.
Recommended packaging : Keep only in the original container.
Non recommended packaging : PE and PP.

7.3. Specific end use(s)

Use : Use only as directed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product.

Workplace exposure limits (mg/m³):

Chemical name	Country	TWA 8 hour (mg/m³)	STEL 15 min (mg/m³)	Comments	Source
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	US	1200	-	Vapor. Total hydrocarbons.	CEFIC-HSPA
Toluene	US	375	560	-	NIOSH
Toluene	US	750	1125	-	OSHA
(2-Methoxymethylethoxy)propanol	US	600	900	-	NIOSH
(2-Methoxymethylethoxy)propanol	US	600	-	-	OSHA

(2-Methoxymethylethoxy)propanol	US	600	900	-	ACGIH
Titanium dioxide	US	2.5	-	Finescale particles (respirable particulate matter)	ACGIH TLV (2021)
Titanium dioxide	US	15	-	total dust	OSHA PEL
Aluminium oxide	US	15	-	(total dust), 5 mg/m ³	OSHA PEL
Aluminium oxide	US	1	-	(respirable fraction)	ACGIH TLV
Aluminium oxide	US	10	-	1 mg/m ³ (respirable particulate matter) [2007]	ACGIH TLV
Aluminium oxide	US	10	-	(total dust), 5 mg/m ³ (respirable fraction)	CAL/OSHA PEL

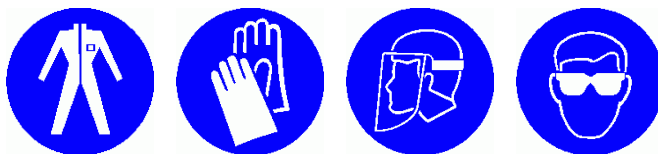
8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.



Body protection : Wear appropriate protective clothing, overalls or suit, and similar boots. Suitable material: laminated film. Indication of permeation breakthrough time: not known.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask.

Hand protection : Wear appropriate safety gloves. Suitable material: laminated film. ± 0,5 mm. Indication of permeation breakthrough time: not known.

Eye protection : Wear appropriate safety glasses with side shields.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.	
Colour	: Light brown.	
Odour	: Characteristic.	
Odour threshold	: Not known.	
pH	: Not applicable.	Waterfree product.
Solubility in water	: Not soluble.	
Partition coefficient (n-octanol/water)	: Not applicable.	Not measured. Not relevant for mixtures.
Flash point	: 51,9 °C	Closed Cup (ISO 2719, EN 11, DIN 51758, ASTM D 93). Does not support combustion.
Flammability (solid, gas)	: Not applicable.	Liquid. See flashpoint.
Auto ignition temperature	: > 207 °C	
Boiling point/boiling range	: > 100 °C	
Freezing point	: < 0 °C	

Explosion limits (% in air)	: Not known.	Lower explosion limit in air (%): 0,6 (Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
	:	Upper explosion limit in air (%): 5,5 (Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: 1300 mm2/sec	(1 mm2/sec = 1cSt)
Viscosity (40°C)	: > 20,5 mm2/sec	
Vapour pressure (20°C)	: Not known.	
Relative vapour density	: Not known	(air = 1)
Relative density (20°C)	: 0,862 g/ml	
Evaporation rate	: Not known.	(n-butyl acetate = 1) Mixture of liquids and solids.
Particle characteristics	: Not applicable.	Liquid.

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity : See sub-sections below.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid : See section 7.

10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Toxicological (health) effects

No toxicological research has been carried out on this product.

Inhalation

Acute toxicity	: Calculated LC50: > 7,977 mg/l. Ingredients of unknown toxicity: 32 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.
Corrosion/irritation	: Not classified - based on available data, the classification criteria are not met.
Sensitisation	: Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
Carcinogenicity	: Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.

Mutagenicity	: Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.
Skin contact	
Acute toxicity	: Calculated LD50: > 3224 mg/kg.bw. Ingredients of unknown toxicity: 32 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
Corrosion/irritation	: Slight irritation possible. Repeated exposure may cause skin dryness or cracking. Not classified - based on available data, the classification criteria are not met.
Sensitisation	: May produce an allergic reaction.
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
Eye contact	
Corrosion/irritation	: Slight irritation possible. Not classified - based on available data, the classification criteria are not met.
Ingestion	
Acute toxicity	: Calculated LD50: > 3257 mg/kg.bw. Ingredients of unknown toxicity: 32 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
Aspiration	: Highly viscous liquid. Not classified - based on available data, the classification criteria are not met. Contains a substance/substances with an aspiration hazard. After ingestion, at vomiting, risk of aspiration in the lungs.
Corrosion/irritation	: May cause a feeling of sickness, stomachache, vomiting and diarrhoea.
Carcinogenicity	: Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.
Reprotoxicity	: Possible risk of harm to the unborn child. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

11.2. Information on other hazards

IARC	: Chemical(s) found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs: Titanium dioxide
OSHA	: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity	: Calculated LC50 (fish): 54 mg/l. Calculated EC50 (waterflea): 176 mg/l. Contains 32 % of components with unknown hazards to the aquatic environment. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.
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12.2. Persistence and degradability

Persistence – degradability : May cause long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

12.4. Mobility in soil



Mobility : Adsorbs to soil and has low mobility. Floats on water.

12.6. Other adverse effects

Other information : Not applicable.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.

Additional warning : Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.

Waste water discharge : Do not dispose of into the environment, drains, sewers or water courses.

EPA RCRA code : D0001

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION

14.1. UN number or ID number

UN nr. : None.

14.2. UN proper shipping name

Transport name : Not regulated.

14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

DOT (land)
Class : This product is not classified according to DOT.

IMDG (sea)
Class : This product is not classified according to IMDG.
Marine pollutant : No

IATA (air)
Class : This product is not classified according to IATA.

14.6. Special precautions for user

Other information : Country specific variations may apply.

14.7. Maritime transport in bulk according to IMO instruments

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

SECTION 15 REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations : OSHA HazCom 2024, 29 CFR 1910.1200 and other Regulations.



SAFETY DATA SHEET

According to OSHA HazCom 2024, 29 CFR 1910.1200

: This product is exempted from classification as "May be fatal if swallowed and enters airways" on basis of subpart A.10, paragraph A.10.3.3.1 of Appendix A to §1910.1200.

United States TSCA (Toxic Substances Control Act) inventory

: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

US State Regulation

California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

WARNING: Contains traces of the following substances known to the state of California to cause cancer, birth defects or other reproductive harm

Chemical name	CAS	Type of toxicity	NSRL or MADL (ug/d)
Toluene	108-88-3	developmental female	13000 (inhalation) 7000 (oral)
Titanium dioxide	13463-67-7	cancer	
Quartz (SiO ₂)	14808-60-7	cancer	
Butyl glycidyl ether	2426-08-6	cancer	
Cobalt	7440-48-4	cancer	
Arsenic	7440-38-2	cancer	0.06
Nickel	7440-02-0	cancer	
Lead	7439-92-1	cancer	0.5
Cadmium (non-pyrophoric)	7440-43-9	cancer	
Chromium, ion (Cr ⁶⁺)	18540-29-9	cancer	0.001
		developmental male	8.2
		female	
Mercury	7439-97-6	developmental	

SECTION 16 OTHER INFORMATION

16.1. Other information

The information in this safety data sheet is compiled in compliance with Hazcom 1910.1200. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

List of abbreviations and acronyms that could be used (but not necessarily are used) in this safety data sheet:

ATE	: Acute Toxicity Estimate
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
DOT	: Department of Transportation
DSL	: Domestic Substances List
GHS	: Globally Harmonized System of Classification and Labelling of Chemicals
HPA	: Hazardous Products Act
HPR	: Hazardous Products Regulations
IATA	: International Air Transport Association
IBC code	: The IMO International Code for construction and equipment of ships carrying dangerous chemicals in bulk.
IMDG	: International Maritime Dangerous Goods Code
LD50/LC50	: Lethal Dose/Concentration for 50% of a population



SAFETY DATA SHEET

According to OSHA HazCom 2024, 29 CFR 1910.1200

MARPOL	: International Convention for the Prevention of Pollution From Ships
NO(A)EL	: No Observed (Adverse) Effect Level
OECD	: Organisation for Economic Co-operation and Development
OSHA	: United States Occupational Safety and Health Administration
PBT	: Persistent, Bioaccumulative and Toxic
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	: Sewage Treatment Plant
TWA/STEL	: Time-Weighted Average/Short Term Exposure Limit
UN	: United Nations
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative
WHMIS	: Workplace Hazardous Materials Information System

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc. Also used: OSHA HazCom 2024, 29 CFR 1910.1200.

Full text of H-phrases mentioned in section 3:

H225	Highly flammable liquid and vapour.
H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye 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.

Advice on any training appropriate for workers: none.

Country / Language code	: US / EN
Number format	: "," used as decimal separator.
Date of preparation or latest revision	: 2025-06-30

End of safety data sheet.