SARSEN
HOME

SAFETY DATA SHEET

CRACKLE GLAZE PROTECTOR

INTERIOR USE

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 07/03/2017 Revision date: 18/11/2020 Supersedes version of: 11/08/2020 Version: 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product form:	Mixture
Product name:	Sarsen Home Crackle Glaze Protector
Type of product:	Solution

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

1.2.1 Relevant identified uses

Intended for general public

Main use category:	Professional use,Industrial use,Consumer use
Use of the substance/mixture:	Natural Finish Impregnating Sealer
Use of the substance/mixture:	Cleaning/washing agents and additives

1.2.2 Uses advised against

No additional information available.

1.3 Details of the supplier of the safety data sheet

Sarsen Stone Group, Stonebridge House, Nursteed Road, Devizes, Wiltshire, SN10 3DY
Email: info@sarsenstonegroup.com

1.4 Emergency telephone number

Emergency number:	+44 (0) 1380 720007 (Office hours only 9am - 5pm Mon- Fri.)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3:	H226
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Aspiration hazard, Category 1:	H304
Full text of H statements:	See section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):

GHS02 GHS07 GHS08

Signal word (CLP):	Danger
Contains:	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Ethyl Acetate
Hazard statements (CLP):	H226 - Flammable liquid and vapour.
	H304 - May be fatal if swallowed and enters airways.
	H336 - May cause drowsiness or dizziness.
Precautionary statements (CLP):	P102 - Keep out of reach of children.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P280 - Wear protective gloves, eye protection.
	P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do NOT induce vomiting.
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P235 - Store in a well-ventilated place. Keep cool.
	P501 - Dispose of contents and container to a hazardous or special waste collection point.
EUH-statements:	EUH066 - Repeated exposure may cause skin dryness or cracking.
Child-resistant fastening:	Applicable
Tactile warning:	Applicable

2.3 Other hazards

This substance is considered not to be PBT. This substance is considered not to be vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes,cyclics, < 2% aromatics	(EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	≥ 95	Flam. Liq. 3, H226Asp. Tox. 1, H304STOT SE 3, H336
Ethyl Acetate	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 (REACH-no) 01-2119475103-46	≥ 1 – < 3	Flam. Liq. 2, H225Eye Irrit. 2, H319 STOT SE 3, H336
methanol substance with a Community workplace exposure limit	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index-No.) 603-001-00-X (REACH-no) 01-2119433307-44	< 0.1	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits**
methanol	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index-No.) 603-001-00-X (REACH-no) 01-2119433307-44	(3 ≤C < 10) STOT SE 2, H371 (10 ≤C ≤ 100) STOT SE 1, H370

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

First-aid measures after eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

First-aid measures after ingestion: Rinse mouth out with water. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects: May cause drowsiness or dizziness.

Symptoms/effects after inhalation: Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact: Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.

Symptoms/effects after eye contact: May cause eye irritation.

Symptoms/effects after ingestion: Risk of lung oedema.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Fire hazard:	Flammable liquid and vapour.
Explosion hazard:	Vapours may form explosive mixture with air.
Hazardous decomposition products in case of fire:	Toxic fumes may be released.

5.3 Advice for firefighters

Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures:	Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours, spray.

6.1.2 For emergency responders

Protective equipment:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: “Exposure controls/personal protection”.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up:	Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information:	Dispose of materials or solid residues at an authorised site.

6.4 Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, spray.
Hygiene measures:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures:	Ground/bond container and receiving equipment.
Storage conditions:	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Storage area:	Store away from heat. Store in a well-ventilated place.
Special rules on packaging:	Store in a closed container.
Packaging materials:	Keep only in the original container in a cool,well-ventilated place away from combustible materials.

7.3 Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ethyl Acetate (141-78-6)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethyl acetate
WEL TWA (mg/m³)	734 mg/m³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m³)	1468 mg/m³
WEL STEL (OEL STEL) [ppm]	400 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

methanol (67-56-1)	
United Kingdom - Occupational Exposure Limits	
Local name	Methanol
WEL TWA (mg/m³)	266 mg/m³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m³)	333 mg/m³
WEL STEL (OEL STEL) [ppm]	250 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which thereare concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.2 Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hand protection: Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	>0.55		EN 374-2, EN 374-3
Reusable gloves	Polyvinylalcohol (PVA)	6 (> 480 minutes)			EN 374-2, EN 374-3
Reusable gloves	Viton® II	6 (> 480 minutes)			EN 374-2, EN 374-3

Eye protection: Safety glasses. Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):

Environmental exposure controls: Avoid release to the environment.

Other information: Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour: Colourless.

Odour: Hydrocarbons.

Odour threshold: No data available

pH: No data available

Relative evaporation rate (butylacetate=1): No data available

Melting point: Not applicable

Freezing point: No data available

Boiling point: 150 – 200 °C

Flash point: > 41 °C

Auto-ignition temperature: 230 °C

Decomposition temperature: No data available

Flammability (solid, gas): Not applicable

Vapour pressure: < 10 mbar @ 37.8 oC

Relative vapour density at 20 °C: No data available

Relative density: 0.758 @ 15 oC

Solubility: Immiscible and insoluble.

Partition coefficient n-octanol/water (Log Pow): No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: 0.6 – 8 vol %

8.3 Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Flammable liquid and vapour.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

l10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute DermalToxicity)
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute DermalToxicity)

Ethyl Acetate (141-78-6)	
LD50 oral rat	11.3 ml/kg Source: ECHA
LD50 oral	4934 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 401 (Acute OralToxicity)
LD50 dermal rabbit	> 20000 mg/kg bodyweight Animal: rabbit, Animal sex: male

methanol (67-56-1)	
LD50 oral rat	1187 – 2769 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	300 mg/kg Source: ECHA

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified

methanol (67-56-1)	
NOAEL (animal/male, F0/P)	< 1000 mg/kg bodyweight Animal: mouse, Animal sex: male

STOT-single exposure: May cause drowsiness or dizziness.
STOT-repeated exposure: Not classified

Ethyl Acetate (141-78-6)	
LOAEL (oral, rat, 90 days)	3600 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic OralToxicity Test)
NOAEL (oral, rat, 90 days)	900 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic OralToxicity Test)

Aspiration hazard : May be fatal if swallowed and enters airways.

LTP Mattstone	
Hydrocarbon	Yes

SECTION 12: Ecological information

12.1 Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute): Not classified
Hazardous to the aquatic environment, long-term (chronic): Not classified

Not rapidly degradable.

Ethyl Acetate (141-78-6)	
LC50 fish 1	230 mg/l Test organisms (species): Pimephales promelas
NOEC (chronic)	2.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

methanol (67-56-1)	
LC50 fish 1	15400 mg/l Test organisms (species): Lepomis macrochirus
EC50 96h algae (1)	≈ 22000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	208 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

Ethyl Acetate (141-78-6)	
Partition coefficient n-octanol/water (Log Pow)	0.73 Source: ICSC

methanol (67-56-1)	
Partition coefficient n-octanol/water (Log Pow)	-0.77 Source: HSDB,CHemIDplus

12.4 Mobility in soil

methanol (67-56-1)	
Mobility in soil	Source: HSDB

12.5 Results of PBT and vPvB assessment

Stain Block
This substance is considered not to be PBT.
This substance is considered not to be vPvB.

12.6 Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment methods: instructions. Additional information: Dispose of contents/container in accordance with licensed collector's sorting Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
UN 1300	UN 1300	UN 1300	UN 1300	UN 1300
14.2 UN proper shipping name				
TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate)	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate)	Turpentine substitute (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate)	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate)	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate)
Transport document description				
UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate), 3, III, (D/E)	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate), 3, III	UN 1300 Turpentine substitute (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate), 3, III	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate), 3, III	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate), 3, III

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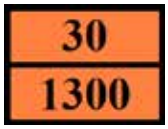
14.3 Transport hazard class(es)				
3	3	3	3	3
				
14.4 Packing group				
III	III	III	III	III

14.5 Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6 Special precautions for user

Overland transport

Classification code (ADR):	F1
Limited quantities (ADR):	5l
Excepted quantities (ADR):	E1
Packing instructions (ADR):	P001, IBC03, LP01, R001
Mixed packing provisions (ADR):	MP19
Portable tank and bulk container instructions (ADR):	T2
Portable tank and bulk container special provisions (ADR):	TP1
Tank code (ADR):	LGBF
Vehicle for tank carriage:	FL
Transport category (ADR):	3
Special provisions for carriage - Packages (ADR):	V12
Special provisions for carriage - Operation (ADR):	S2
Hazard identification number (Kemler No.):	30 Orange plates



Tunnel restriction code (ADR):	D/E
EAC code:	3YE

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Transport by sea

Special provisions (IMDG):	223
Limited quantities (IMDG):	5 L
Excepted quantities (IMDG):	E1
Packing instructions (IMDG):	P001, LP01
IBC packing instructions (IMDG):	IBC03
Tank instructions (IMDG):	T2
Tank special provisions (IMDG):	TP1
EmS-No. (Fire):	F-E
EmS-No. (Spillage):	S-E
Stowage category (IMDG):	A
Properties and observations (IMDG):	Immiscible with water.

Air transport

PCA Excepted quantities (IATA):	E1
PCA Limited quantities (IATA):	Y344
PCA limited quantity max net quantity (IATA):	10L
PCA packing instructions (IATA):	355
PCA max net quantity (IATA):	60L
CAO packing instructions (IATA):	366
CAO max net quantity (IATA):	220L
Special provisions (IATA):	A3
ERG code (IATA):	3L

Inland waterway transport

Classification code (ADN):	F1
Limited quantities (ADN):	5 L
Excepted quantities (ADN):	E1
Equipment required (ADN):	PP, EX, A
Ventilation (ADN):	VE01
Number of blue cones/lights (ADN):	0

Rail transport

Classification code (RID):	F1
Limited quantities (RID):	5L
Excepted quantities (RID):	E1
Packing instructions (RID):	P001, IBC03, LP01, R001
Mixed packing provisions (RID):	MP19
Portable tank and bulk container instructions (RID):	T2
Portable tank and bulk container special provisions (RID):	TP1
Tank codes for RID tanks (RID):	LGBF
Transport category (RID):	3
Special provisions for carriage – Packages (RID):	W12
Colis express (express parcels) (RID):	CE4
Hazard identification number (RID):	30

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

15.1.1 EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:		
Reference code	Applicable on	Entry title or description
3(a)	LTP Mattstone ; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate ; methanol	Substances or mixtures fulfilling the criteria for any of the following hazard classesor categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	LTP Mattstone ; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate ; methanol	Substances or mixtures fulfilling the criteria for any of the following hazard classesor categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
40.	LTP Mattstone ; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Ethyl Acetate ; methanol	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoricliquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.
69.	methanol	Methanol

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2 National regulations

No additional information available.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Indication of changes:			
Added.			
Section	**Changed item**	**Change**	**Comments**
1.1	Additional information	Added	UFI

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Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.
H371	May cause damage to organs.
EUH066	Repeated exposure may cause skin dryness or cracking.

The classification complies with: ATP 12 SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.