Safety data sheet
according to 1907/2006/EC, Article 31

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

· **1.1 Product identifier**

· **Trade name:** **ELBE Pool Surface Liquid PVC-Seam Sealer / ELBE Natural Surface Liquid PVC-Seam Sealer**

· **Product Specification Number + Product Code:** 32082010 (HS-Code)

· **UFI:**
Transparent (No. 027): HWY4-PHSM-WX1Y-8V30
White (No. 104): W1Y4-MHVN-VX11-NF8C
Sand (No. 153): 7R05-RHPK-YX1X-V8WN
elite® Sand Beach (No. 179): HXCF-GHND-7X1N-Q4HQ
elite® Arctic White (No. 180): 13CF-EHRE-5X1P-3QQ2
Turquoise (No. 500): URT4-AHCT-JX19-KD44
Green (No. 546): H8E9-HH4S-YX1T-N2F7
Dark Green (No. 578): 7KCK-AHK1-9X18-8QNM
elite® Blue Sky (No. 602): RTDF-JHJC-9X1K-AJCC
elite® Deep Sea (No. 603): 1NEF-MHFA-CX1H-XY60
Adriatic Blue (No. 604): 0VS4-8HFU-GX1A-YY9G
Navy Blue (No. 620): 7V8A-EH3U-XX16-QW37
Lagoon (No. 623): PW1C-4HD0-PX1S-XG89
Light Blue (No. 687): M6X4-JHYP-TX13-11EQ
Slate Grey (No. 702): 0QAK-8HP2-7X1A-N9TY
Light Grey (No. 765): W5R4-4HNW-CX1F-R4N6
Dark Grey (No. 782): 7WQ7-SH3N-4X1W-4TYV
elite® Grey Rock (No. 798): SPMF-1HS3-TX15-8UYH
elite® Black Stone (No. 799): 5V9K-6HS3-5X1C-1W0A
Black (No. 809): 4TQ8-YHKJ-EX12-8QS3

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Liquid PVC-seam sealer

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
ELBTAL PLASTICS GmbH & Co. KG
Grenzstraße 9
01640 Coswig
Tel.: +49 (0) 3523 53 30 0
Fax.: +49 (0) 3523 53 30 222
E-Mail: info@elbtal-plastics.de
Internet: www.elbtal-plastics.de

· **Informing department:** Phone: +49 (0)3523 53 30 0

· **1.4 Emergency telephone number:** Tel.: +49 (0) 551 - 19240 GIZ Nord

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

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GHS08 health hazard

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

· ***2.2 Label elements***
· ***Labelling according to Regulation (EC) No 1272/2008***
The product is classified and labelled according to the CLP regulation.
· ***Hazard pictograms***



GHS02 GHS07 GHS08

· ***Signal word*** Danger

· ***Hazard-determining components of labelling:***
tetrahydrofuran
· ***Hazard statements***
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer. Route of exposure: Inhalation.
H335 May cause respiratory irritation.
· ***Precautionary statements***

P102	Keep out of reach of children.
P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves / eye protection / face protection.
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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.

· ***Additional information:***
Packaging of whatever capacity supplied to the general public shall be fitted with child-resistant fastenings.
Packaging of whatever capacity that is delivered to the general public shall be fitted with a tactile warning of danger according to EN ISO 11683.
· ***2.3 Other hazards***
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.

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· ***vPvB:*** Not applicable.

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SECTION 3: Composition/information on ingredients

· ***3.2 Mixtures***

· ***Description:*** Mixture of the substances listed below including additives not requiring identification.

· ***Dangerous components:***		
CAS: 109-99-9 EINECS: 203-726-8 Reg.nr.: 01-2119444314-46-X	tetrahydrofuran Flam. Liq. 2, H225; Carc. 2, H351; Eye Irrit. 2, H319; STOT SE 3, H335, EUH019 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 25 % STOT SE 3; C ≥ 25 %	50 - 100%
CAS: 9002-86-2 Polymer	polyvinylchloride substance with a Community workplace exposure limit	2.5 - 10%
CAS: 108-94-1 EINECS: 203-631-1 Reg.nr.: 01-2119453616-35-X	cyclohexanone Flam. Liq. 3, H226; Acute Tox. 4, H332	2.5 - 10%
CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28-X	diisononyl phthalate substance with a Community workplace exposure limit	2.5 - 10%
CAS: 64359-81-5 EINECS: 264-843-8	4,5-dichloro-2-octyl-2H-isothiazol-3-one Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Skin Sens. 1A, H317 ATE: LD50 oral: 567 mg/kg Specific concentration limits: Skin Irrit. 2; H315: C ≥ 0.025 % Eye Irrit. 2; H319: C ≥ 0.025 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥ 0.0025 - < 0.025%

· ***Additional information*** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· ***4.1 Description of first aid measures***

· ***General information***
Take affected persons into the open air.
Remove contaminated clothing immediately.

· ***After inhalation***
Take affected persons into the open air and position comfortably
In case of persistent symptoms consult doctor.

· ***After skin contact***
Wash with water and soap.
In case of permanent aches and pains please go and see the doctor.

· ***After eye contact***
Remove contact lenses if possible.
Keep eye lids open and rinse them with ample amounts of clean running water for at least 15 minutes.
In case of permanent aches and pains please go and see the doctor.

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· ***After swallowing***
Rinse out mouth.
In case of persistent symptoms consult doctor.
· ***4.2 Most important symptoms and effects, both acute and delayed***
No further relevant information available.
· ***4.3 Indication of any immediate medical attention and special treatment needed***
No further relevant information available.

SECTION 5: Firefighting measures

· ***5.1 Extinguishing media***
· ***Suitable extinguishing agents***
Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.
· ***For safety reasons unsuitable extinguishing agents*** Water with a full water jet.
· ***5.2 Special hazards arising from the substance or mixture***
No further relevant information available.
· ***5.3 Advice for firefighters***
· ***Protective equipment:*** Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Do not inhale vapours.
Keep away from sources of ignition and care for sufficient ventilation due to the content of organic solvents.
Avoid contact to eyes, skin and clothes.
Keep away from sources of ignition - No smoking.
· ***6.2 Environmental precautions:*** Do not allow to enter drainage system, surface or ground water.
· ***6.3 Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
· ***6.4 Reference to other sections***
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling***
Ensure sufficient ventilation.
Keep containers tightly sealed.
Do not inhale vapours.
Avoid direct contact with eyes, skin and clothing.
Ensure good ventilation/exhaustion at the workplace.
Store in cool, dry place in tightly closed containers.
Keep away from heat and direct sunlight.
· ***Information about protection against explosions and fires:***
Provide good space ventilation.
Keep ignition sources away - Do not smoke.
Protect from heat.

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage***
· ***Requirements to be met by storerooms and containers:***
Store cool and dry in well sealed containers.

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· ***Information about storage in one common storage facility:***
Keep away from food, drink and animal feeding stuffs.
Store away from flammable substances.
· ***Further information about storage conditions:***
None.
Store in cool, dry conditions in well sealed containers.
Keep away from ignition sources.
· ***7.3 Specific end use(s)*** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***
· ***Components with limit values that require monitoring at the workplace:***
WEL: workplace exposure limit
OEL: Occupational Exposure Limit
IOELV: Indicative Occupational Exposure Limit Values, workplace threshold value of the European Union

109-99-9 tetrahydrofuran	
IOELV (European Union)	Short-term value: 300 mg/m³, 100 ppm Long-term value: 150 mg/m³, 50 ppm Skin
WEL (Great Britain)	Short-term value: 300 mg/m³, 100 ppm Long-term value: 150 mg/m³, 50 ppm Sk
9002-86-2 polyvinylchloride	
WEL (Great Britain)	Long-term value: 10* 4** mg/m³ *inhalable dust **respirable dust
108-94-1 cyclohexanone	
IOELV (European Union)	Short-term value: 81.6 mg/m³, 20 ppm Long-term value: 40.8 mg/m³, 10 ppm Skin
WEL (Great Britain)	Short-term value: 82 mg/m³, 20 ppm Long-term value: 41 mg/m³, 10 ppm Sk, BMGV
28553-12-0 diisononyl phthalate	
WEL (Great Britain)	Long-term value: 5 mg/m³

· ***DNELs***		
109-99-9 tetrahydrofuran		
Oral	DNEL (consumer, long-term, systemic)	1.5 mg/kg bw/day (human)
Dermal	DNEL (worker, long-term, systemic)	12.6 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	1.5 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	96 mg/m³ (human)
	DNEL (worker, long-term, systemic)	72.4 mg/m³ (human)
	DNEL (consumer, short-term, systemic)	52 mg/m³ (human)
	DNEL (consumer, long-term, systemic)	13 mg/m³ (human)
	DNEL (worker, short-term, local)	300 mg/m³ (human)
	DNEL (worker, long-term, local)	150 mg/m³ (human)
	DNEL (consumer, short-term, local)	150 mg/m³ (human)
	DNEL (consumer, long-term, local)	75 mg/m³ (human)

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Trade name: **ELBE Pool Surface Liquid PVC-Seam Sealer / ELBE Natural Surface Liquid PVC-Seam Sealer**

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108-94-1 cyclohexanone		
Oral	DNEL (consumer, short-term, systemic)	10 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	5 mg/kg bw/day (human)
Dermal	DNEL (worker, short-term, systemic)	100 mg/kg bw/day (human)
	DNEL (worker, long-term, systemic)	10 mg/kg bw/day (human)
	DNEL (consumer, short-term, systemic)	30 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	20 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	100 mg/m³ (human)
	DNEL (worker, long-term, systemic)	100 mg/m³ (human)
	DNEL (consumer, short-term, systemic)	50 mg/m³ (human)
	DNEL (consumer, long-term, systemic)	20 mg/m³ (human)
	DNEL (worker, short-term, local)	100 mg/m³ (human)
	DNEL (worker, long-term, local)	80 mg/m³ (human)
	DNEL (consumer, short-term, local)	50 mg/m³ (human)
	DNEL (consumer, long-term, local)	20 mg/m³ (human)

· ***PNECs***

109-99-9 tetrahydrofuran	
PNEC aqua (freshwater)	4.32 mg/L (.)
PNEC aqua (marine water)	0.432 mg/L (.)
PNEC STP	4.6 mg/L (.)
PNEC soil	2.13 mg/kg soil dw (.)
PNEC sediment (freshwater)	23.3 mg/kg sedim. dw (.)
PNEC sediment (marine water)	2.33 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	21.6 mg/L (.)
PNEC oral	67 mg/kg food (.)

· ***Ingredients with biological limit values:***

108-94-1 cyclohexanone	
BMGV (Great Britain)	2 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: cyclohexanol

· ***Additional information:*** The lists that were valid during the compilation were used as basis.

· ***8.2 Exposure controls***

· ***Individual protection measures, such as personal protective equipment***

· ***General protective and hygienic measures***

Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
Do not eat, drink or smoke while working.
Keep away from foodstuffs, beverages and food.

· ***Breathing equipment:***

Not required.
Not necessary if room is well-ventilated.

· ***Hand protection***

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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· ***Material of gloves***
Nitrile rubber, NBR
Chloroprene rubber, CR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· ***Penetration time of glove material***
In case of a layer thickness of 0.65 mm the penetration time is longer than 180 minutes.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· ***Eye/face protection*** Safety glasses

SECTION 9: Physical and chemical properties

· ***9.1 Information on basic physical and chemical properties***

· ***General Information***	
· ***Colour:***	Different according to colour
· ***Odour:***	Solvent-like
· ***Odour threshold:***	Not determined.
· ***Melting point/freezing point:***	Not determined
· ***Boiling point or initial boiling point and boiling range***	66 °C
· ***Flammability***	Not applicable.
· ***Lower and upper explosion limit***	
· ***Lower:***	1.5 Vol %
· ***Upper:***	12 Vol %
· ***Flash point:***	-21 °C
· ***Self-inflammability:***	Product is not selfigniting.
· ***Decomposition temperature:***	Not determined.
· ***SADT***	
· ***pH***	Not determined.
· ***Viscosity:***	
· ***Kinematic viscosity***	Not determined.
· ***dynamic at 20 °C:***	500 - 800 mPas
· ***Solubility***	
· ***Water:***	Not miscible or difficult to mix
· ***Partition coefficient n-octanol/water (log value)***	Not determined.
· ***Vapour pressure at 20 °C:***	170 hPa
· ***Density and/or relative density***	
· ***Density at 20 °C***	0.79 - 0.82 g/cm³
· ***Relative density***	Not determined.
· ***Vapour density***	Not determined.

· ***9.2 Other information***

· ***Appearance:***	
· ***Form:***	Liquid
· ***Important information on protection of health and environment, and on safety.***	
· ***Ignition temperature:***	230 °C
· ***Explosive properties:***	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· ***Solvent content:***	
· ***Organic solvents:***	ca 80 %

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· **VOC EU**	
· **Solids content:**	< 16 %
· **Change in condition**	
· **Evaporation rate**	Not determined.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void
· **Gases under pressure**	Void
· **Flammable liquids**	Highly flammable liquid and vapour.
· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void
· **Oxidising liquids**	Void
· **Oxidising solids**	Void
· **Organic peroxides**	Void
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known
· **10.4 Conditions to avoid**
All sources of ignition: heat, sparks, open flame, electostatic discharges.
Heat.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

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SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

109-99-9 tetrahydrofuran		
Oral	LD50	2,045 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat) (OECD 402)
108-94-1 cyclohexanone		
Oral	LD50	1,890 mg/kg (rat)
Dermal	LD50	> 794 mg/kg (rabbit)

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Inhalative	LC50	> 6.2 mg/l/4h (rat)
64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one		
Oral	LD50	567 mg/kg (ATE)

· ***Skin corrosion/irritation*** Based on available data, the classification criteria are not met.
· ***Serious eye damage/irritation***
Causes serious eye irritation.
· ***Respiratory or skin sensitisation*** Based on available data, the classification criteria are not met.
· ***Germ cell mutagenicity*** Based on available data, the classification criteria are not met.
· ***Carcinogenicity***
Suspected of causing cancer. Route of exposure: Inhalation.
· ***Reproductive toxicity*** Based on available data, the classification criteria are not met.
· ***STOT-single exposure***
May cause respiratory irritation.
· ***STOT-repeated exposure*** Based on available data, the classification criteria are not met.
· ***Aspiration hazard*** Based on available data, the classification criteria are not met.
· ***Additional toxicological information:***

· ***Repeated dose toxicity***		
109-99-9 tetrahydrofuran		
Oral	NOAEL (28d)	1,000 mg/kg bw/day (rat) (OECD 407)

· ***CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)***
Carc. 2
· ***11.2 Information on other hazards***

· ***Endocrine disrupting properties***
None of the ingredients is listed.

*
SECTION 12: Ecological information

· ***12.1 Toxicity***

· ***Aquatic toxicity:***	
109-99-9 tetrahydrofuran	
EC50 (static)	5,930 mg/l/24h (Daphnia magna) (DIN 38412-11)
LC50 (dynamic)	2,160 mg/l/96h (Pimephales promelas) (OECD 203)

· ***12.2 Persistence and degradability*** No further relevant information available.
· ***Other information:*** There are no data available about the preparation.
· ***12.3 Bioaccumulative potential*** No further relevant information available.
· ***12.4 Mobility in soil*** No further relevant information available.
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***12.6 Endocrine disrupting properties***
The product does not contain substances with endocrine disrupting properties.
· ***12.7 Other adverse effects***
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation***
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
The waste code numbers mentioned are recommendations based on the probable use of the product.

· ***European waste catalogue***	
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7	Carcinogenic

· ***Uncleaned packagings:***
· ***Recommendation:***
Dispose of packaging according to regulations on the disposal of packagings.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14: Transport information

· ***14.1 UN number or ID number***
· ***ADR/ADN, IMDG, IATA*** UN2056

· ***14.2 UN proper shipping name***
· ***ADR/ADN*** 2056 TETRAHYDROFURAN
· ***IMDG, IATA*** TETRAHYDROFURAN

· ***14.3 Transport hazard class(es)***

· ***ADR/ADN***



· ***Class*** 3 (F1) Flammable liquids.
· ***Label*** 3

· ***IMDG, IATA***



· ***Class*** 3 Flammable liquids.
· ***Label*** 3

· ***14.4 Packing group***
· ***ADR/ADN, IMDG, IATA*** II

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· **14.5 Environmental hazards:**	Not applicable.
· **14.6 Special precautions for user**	Warning: Flammable liquids.
· **Kemler Number:**	33
· **EMS Number:**	F-E,S-D
· **Stowage Category**	B
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	
· **ADR/ADN**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **Transport category**	2
· **Tunnel restriction code**	D/E
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 2056 TETRAHYDROFURAN, 3, II

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SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category** P5c FLAMMABLE LIQUIDS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 52a

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

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Safety data sheet
according to 1907/2006/EC, Article 31

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Trade name: **ELBE Pool Surface Liquid PVC-Seam Sealer / ELBE Natural Surface Liquid PVC-Seam Sealer**

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· ***Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors***

None of the ingredients is listed.

· ***National regulations***

· ***Water hazard class:*** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· ***Substances of very high concern (SVHC) according to REACH, Article 57***

None of the ingredients is contained.

· ***15.2 Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· ***Relevant phrases***

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH019 May form explosive peroxides.

· ***Department issuing data specification sheet:***

DEKRA This Safety Data Sheet has been drawn up in cooperation with:
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· ***Date of previous version:*** 14.04.2021
· ***Version number of previous version:*** 2
· ***Abbreviations and acronyms:***
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 2: Acute toxicity – Category 2

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Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1: Skin corrosion/irritation – Category 1
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1A: Skin sensitisation – Category 1A
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· **** Data compared to the previous version altered.***