

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

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

- **1.1 Product identifier**
- **Trade name: SHERAPASTENHÄRTER**
- **Article number: 30209**
- **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:** Paste hardener for condensation cure silicone putty
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SHERA Werkstoff-Technologie GmbH & Co. KG
Espohlstraße 53
D-49448 Lemförde
GERMANY
sdb@shera.de
+ 49 (0) 54 43 – 99 33 – 0
- **Further information obtainable from:** Department of product security.
- **1.4 Emergency telephone number:**
Gif tinformationszentrum-Nord +49 (0) 551-19240
(Information in german or english)

SECTION 2: Hazards identification

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

Flam. Liq. 3	H226	Flammable liquid and vapour.
Acute Tox. 2	H330	Fatal if inhaled.
Skin Corr. 1B	H314	Causes severe skin burns and eye damage.
Eye Dam. 1	H318	Causes serious eye damage.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Muta. 2	H341	Suspected of causing genetic defects.
Repr. 1A	H360FD	May damage fertility. May damage the unborn child.
STOT SE 2	H371	May cause damage to organs.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

- **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 GHS05 GHS06 GHS08 GHS09

- **Signal word:** Danger

- **Hazard-determining components of labelling:**

tetraethyl silicate
silicic acid, tetraethyl ester, reaction products with bis(acetyloxy)dibutylstannane
5,5-Dibutyl-3,3,7,7-tetramethoxy-2,4,6,8-tetraoxa-3,7-disila-5-stannanonan
tetramethyl orthosilicate

- **Hazard statements:**

H226 Flammable liquid and vapour.
H330 Fatal if inhaled.
H314 Causes severe skin burns and eye damage.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 1)

- H317 May cause an allergic skin reaction.
 H341 Suspected of causing genetic defects.
 H360FD May damage fertility. May damage the unborn child.
 H371 May cause damage to organs.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

• **Precautionary statements:**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 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.
 P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

• **2.3 Other hazards**

Methanol (concentration of <5%) and ethanol (concentration of <10%) are formed under conditions of use.

• **Results of PBT and vPvB assessment:**

- **PBT:** Not applicable.
 • **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

• **3.2 Mixtures**

• **Description:** Mixture of substances listed below with nonhazardous additions.

• **Dangerous components:**

CAS: 67774-74-7 EINECS: 267-051-0 Index number: 601-050-00-1 Reg.nr.: 01-2119489372-31	benzene, C10-13-alkyl derivatives Asp. Tox. 1, H304	10-<25%
CAS: 78-10-4 EINECS: 201-083-8 Index number: 014-005-00-0 Reg.nr.: 01-2119496195-28	tetraethyl silicate Flam. Liq. 3, H226; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	5-<10%
CAS: 681-84-5 EINECS: 211-656-4 Reg.nr.: 01-2119957658-18	tetramethyl orthosilicate Flam. Liq. 3, H226; Acute Tox. 1, H330; Eye Dam. 1, H318; Skin Irrit. 2, H315	3-<5%
CAS: 93925-42-9 EC number: 300-344-4	silicic acid, tetraethyl ester, reaction products with bis(acetyloxy) dibutylstannane Flam. Liq. 3, H226; Muta. 2, H341; Repr. 1A, H360; STOT RE 1, H372; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317	3-<5%
CAS: 94134-56-2 EC number: 302-825-4	5,5-Dibutyl-3,3,7,7-tetramethoxy-2,4,6,8-tetraoxa-3,7-disila-5-stannanonan Flam. Liq. 3, H226; Muta. 2, H341; Repr. 1A, H360FD; STOT SE 1, H370; STOT RE 1, H372; Skin Corr. 1A, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317	1-<2.5%

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 2)

CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	1-<5%
CAS: 149-57-5 EINECS: 205-743-6 Index number: 607-230-00-6 Reg.nr.: 01-2119488942-23	2-ethylhexanoic acid Repr. 2, H361d; Acute Tox. 4, H312	0.1-<1%
CAS: 556-67-2 EINECS: 209-136-7 Index number: 014-018-00-1 Reg.nr.: 01-2119529238-36	octamethylcyclotetrasiloxane Flam. Liq. 3, H226; Repr. 2, H361f; Aquatic Chronic 4, H413	0.1-<1%
· SVHC		
556-67-2	octamethylcyclotetrasiloxane	0.1-<1%

· **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:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Call for a doctor immediately.

· 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:** CO₂, sand, extinguishing powder. Do not use water.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet.

· 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

· 5.3 Advice for firefighters

No data available.

· **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Do not breathe vapour.

· 6.2 Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers / 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, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 3)

- Do not flush with water or aqueous cleansing agents
- **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 disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
- Ensure good ventilation / exhaustation at the workplace.
- Open and handle receptacle with care.
- Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.
- Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
- Keep container tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- **Storage class:** No information available.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**

78-10-4 tetraethyl silicate

WEL (Great Britain)	Long-term value: 44 mg/m ³ , 5 ppm
AGW (Germany)	Long-term value: 12 mg/m ³ , 1.4 ppm 1(I);AGS
IOELV (EU)	Long-term value: 44 mg/m ³ , 5 ppm

681-84-5 tetramethyl orthosilicate

AGW (Germany)	Long-term value: 2 mg/m ³ , 0.3 ppm 1(I);AGS
---------------	--

141-78-6 ethyl acetate

WEL (Great Britain)	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm
AGW (Germany)	Long-term value: 730 mg/m ³ , 200 ppm 2(I);DFG, EU, Y
IOELV (EU)	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm

149-57-5 2-ethylhexanoic acid

MAK (Germany)	as vapor and aerosol; cf. Section IIb
---------------	---------------------------------------

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 4)

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

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Hand protection**



Protective gloves

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

- **Material of gloves:**

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:**

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**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

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

- **General Information**

· Colour:	Red
· Odour:	Recognisable
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	Undetermined.
· Flammability	No data available.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	24 °C
· Auto-ignition temperature:	Product is not selfigniting.
· Decomposition temperature:	No data available.
· pH	Not applicable.
· Viscosity:	
· Kinematic viscosity at 20 °C	3,000,000 mm ² /s
· Dynamic:	Not determined.
· Solubility	
· water:	Insoluble.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 5)

· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density:	Not determined.
· Relative density at 20 °C	ca. 1 g/ml
· Vapour density	Not determined.
· 9.2 Other information	
· Appearance:	
· Form:	Pasty
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Not determined.
· Explosive properties:	Product is not explosive. However, formation of explosive air / vapour mixtures are possible.
· Solvent content:	
· VOC (EC):	2.90 %
· 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	
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 data available.
- **10.2 Chemical stability** No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
The contact with water or atmospheric moisture lead to gradual reaction.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials** Oxidizing agents, strong.
- **10.6 Hazardous decomposition products**
In case of contact with the catalyst flammable vapors may occur during reticulating (h) which may lead to fire or explosion risk. During thermal decomposition or combustion carbon oxides as well as other hazardous gases and vapors might be released. Amorphous silica.

GB

(Contd. on page 7)

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



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 6)

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

· **Acute toxicity:**

Fatal if inhaled.

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

78-10-4 tetraethyl silicate

Oral	NOAEL	50 mg/kg (Rat)
	LD50	6,270 mg/kg (Rat)
Dermal	LD50	5,878 mg/kg (Rabbit)

681-84-5 tetramethyl orthosilicate

Oral	NOAEL	50 mg/kg (Rat) (OECD 422)
------	-------	---------------------------

141-78-6 ethyl acetate

Oral	NOAEL	900 mg/kg (Rat)
	LD50	5,620 mg/kg (Rabbit)
Dermal	LD50	>20,000 mg/kg (Rabbit)
Inhalative	NOAEL	1.28 mg/l (Rat)

149-57-5 2-ethylhexanoic acid

Oral	NOAEL	300 mg/kg (Rat)
	LD50	3,000 mg/kg (Rat)
Dermal	LD50	1,260 mg/kg (Rabbit)

556-67-2 octamethylcyclotetrasiloxane

Oral	NOAEL	960 mg/kg (Rabbit) (OECD 411)
Inhalative	NOAEL	1.82 mg/l (Rat) (OECD 453)

· **Skin corrosion/irritation**

Causes severe skin burns and eye damage.

· **Serious eye damage/irritation**

Causes serious eye damage.

· **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

· **Germ cell mutagenicity**

Suspected of causing genetic defects.

· **Carcinogenicity** No data available.

· **Reproductive toxicity**

May damage fertility. May damage the unborn child.

· **STOT-single exposure**

May cause damage to organs.

· **STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

556-67-2 | octamethylcyclotetrasiloxane

List III

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

78-10-4 tetraethyl silicate

LC50/96 h	245 mg/l (Fish)
-----------	-----------------

(Contd. on page 8)

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



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 7)

EC50/48 h	>75 mg/l (Daphnia (Daphnia magna))
EC50/72 h	≥22 mg/l (Algae)
141-78-6 ethyl acetate	
LC50/96 h	230 mg/l (Fish)
EC50/48 h	164 mg/l (Daphnia (Daphnia magna))
149-57-5 2-ethylhexanoic acid	
EC50/48 h	85.38 mg/l (Daphnia (Daphnia magna))
EC50/72 h	49.3 mg/l (Algae)
LC50/48 h	>302 mg/l (Fish)
LC50/96 h	180 mg/l (Fish)

- **12.2 Persistence and degradability** No further relevant information available.
- **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** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**
 Also poisonous for fish and plankton in water bodies.
 Very toxic for aquatic organisms.
 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 course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
 Must be specially treated adhering to official regulations.
- **Waste disposal key:**
 The waste disposal code as prescribed in the European Waste Catalogue (EWC) depends on the waste producer and can thus vary for a product. The waste disposal code should thus be obtained separately from the waste producer in each case.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, IMDG, IATA	UN1992
· 14.2 UN proper shipping name	
· ADR	1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHYL ORTHOSILICATE, Silicic acid (H4SiO4), tetraethyl ester, reaction products with bis(acetyloxy)dibutylstannane), ENVIRONMENTALLY HAZARDOUS
· IMDG, IATA	FLAMMABLE LIQUID, TOXIC, N.O.S. (METHYL ORTHOSILICATE, silicic acid, tetraethyl ester, reaction products with bis(acetyloxy)dibutylstannane)

(Contd. on page 9)

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

Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 8)

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class** 3 Flammable liquids.
· **Label** 3+6.1

· **IMDG**



· **Class** 3 Flammable liquids.
· **Label** 3/6.1

· **IATA**



· **Class** 3 Flammable liquids.
· **Label** 3 (6.1)

· **14.4 Packing group**

· **ADR, IMDG, IATA** III

· **14.5 Environmental hazards:**

Product contains environmentally hazardous substances: silicic acid, tetraethyl ester, reaction products with bis(acetyloxy)dibutylstannane

· **Special marking (ADR):**

Symbol (fish and tree)

· **14.6 Special precautions for user**

Warning: Flammable liquids.

· **Hazard identification number (Kemler code):**

36

· **EMS Number:**

F-E,S-D

· **Stowage Category**

A

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ):**

5L

· **Excepted quantities (EQ):**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **Transport category:**

3

· **Tunnel restriction code:**

D/E

· **IMDG**

· **Limited quantities (LQ):**

5L

· **Excepted quantities (EQ):**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Code: E2

· **UN "Model Regulation":**

UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S.

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 9)

(METHYL ORTHOSILICATE, SILICIC ACID (H₄SiO₄), TETRAETHYL ESTER, REACTION PRODUCTS WITH BIS(ACETYLOXY)DIBUTYLSTANNANE), 3 (6.1), III, ENVIRONMENTALLY HAZARDOUS

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**
H2 ACUTE TOXIC
E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **National regulations:**
- **Information about limitation of use:**
Employment restrictions concerning juveniles must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.
- **Other regulations, limitations and prohibitive regulations**

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

556-67-2	octamethylcyclotetrasiloxane	0.1-<1%
----------	------------------------------	---------

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

SECTION 16: Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of product properties and do not constitute the basis for a contractual legal relationship. The details must not be changed or transferred to other products. Duplication in an unchanged state is permissible.

Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- 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.
- H336 May cause drowsiness or dizziness.
- H341 Suspected of causing genetic defects.
- H360 May damage fertility or the unborn child.
- H360FD May damage fertility. May damage the unborn child.
- H361d Suspected of damaging the unborn child.
- H361f Suspected of damaging fertility.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.

(Contd. on page 11)

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



Printing date 08.04.2021

Version number 4

Revision: 08.04.2021

Trade name: SHERAPASTENHÄRTER

(Contd. of page 10)

- H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H413 May cause long lasting harmful effects to aquatic life.
 EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing SDS:** Department of product security.

· **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)
 VOC: Volatile Organic Compounds (USA, EU)
 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. 1: Acute toxicity – Category 1
 Acute Tox. 2: Acute toxicity – Category 2
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Corr. 1A: Skin corrosion/irritation – Category 1A
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Skin Sens. 1: Skin sensitisation – Category 1
 Muta. 2: Germ cell mutagenicity – Category 2
 Repr. 1A: Reproductive toxicity – Category 1A
 Repr. 1A: Reproductive toxicity – Category 1A
 Repr. 2: Reproductive toxicity – Category 2
 Repr. 2: Reproductive toxicity – Category 2
 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
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
 Asp. Tox. 1: Aspiration hazard – Category 1
 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
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
 Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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

GB