

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

Printing date 18.07.2018

Version number 2

Revision: 18.07.2018

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

- **1.1 Product identifier**
- **Trade name: Härter SKL 44**
- **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** Hardening agent/ Curing agent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Spengler Fluorkunststoffe GmbH & Co. KG  
Buchenring 20  
D-42281 Wuppertal  
Tel.: +49 202 8702790  
Fax: +49 202 8702786  
Website: www.sp-ptfe.de  
e-Mail: info@sp-ptfe.de
- **Informing department:**  
Phone: +49 202 8702790  
Fax.: +49 202 8702786
- **1.4 Emergency telephone number:** Phone +49 202 8702790

**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.



GHS08 health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Carc. 2 H351 Suspected of causing cancer.  
STOT RE 2 H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

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- **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:**  
diphenylmethane-4,4'-di-isocyanate  
ethyl acetate  
m-tolylidene diisocyanate
- **Hazard statements**
  - H225 Highly flammable liquid and vapour.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  - H317 May cause an allergic skin reaction.
  - H351 Suspected of causing cancer.
  - H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
  - H373 May cause damage to the respiratory system through prolonged or repeated exposure.  
Route of exposure: Inhalation.
- **Precautionary statements**
  - P102 Keep out of reach of children.
  - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P260 Do not breathe dust/fume/gas/mist/vapours/spray.
  - P280 Wear protective gloves/protective clothing/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.
  - P312 Call a POISON CENTER/doctor if you feel unwell.
  - P403+P235 Store in a well-ventilated place. Keep cool.
  - P501 Dispose of contents/container in accordance with local / regional / national / international regulations.
- **Additional information:**  
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.  
Contains isocyanates. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Solvent mixture with additives.

- **Dangerous components:**

CAS: 141-78-6	ethyl acetate	50 - 100%
EINECS: 205-500-4	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT	
Reg.nr.: 01-2119475103-46-X	SE 3, H336	

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CAS: 101-68-8 EINECS: 202-966-0 Reg.nr.: 01-2119457014-47-X	diphenylmethane-4,4'-di-isocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	10 - 25%
CAS: 26471-62-5 EINECS: 247-722-4 Reg.nr.: 01-2119454791-34-X	m-tolylidene diisocyanate ⚠ Acute Tox. 2, H330; ⚠ Resp. Sens. 1, H334; Carc. 2, H351; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412	≥ 0.1 - ≤ 0.25%

· **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** Instantly remove any clothing contaminated by the product.
- **After inhalation** Supply fresh air and call for doctor for safety reasons.
- **After skin contact**  
Instantly wash with water and soap and rinse thoroughly.  
In case of skin irritations or sensitizing effects, consult doctor.
- **After eye contact**  
Keep eye lids open and rinse them with ample amounts of clean running water for at least 15 minutes.  
Call a doctor immediately.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
Instantly call for 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**  
Do not inhale smoke and combustion products.  
Can be released in case of fire:  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Isocyanates  
Hydrogen cyanide (HCN)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow to enter drainage system, surface or ground water.  
Inform respective authorities in case product reaches water or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Dispose of contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **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**  
Keep containers tightly sealed.  
Keep away from heat and direct sunlight.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
Use explosion-proof apparatus / fittings and spark-proof tools.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**  
Keep away from food, drink and animal feeding stuffs.
- **Further information about storage conditions:**  
Store container in a well ventilated position.  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed containers.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

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

#### 141-78-6 ethyl acetate

WEL (Great Britain)	Short-term value: 400 ppm Long-term value: 200 ppm
IOELV (European Union)	Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm Long-term value: 734 mg/m <sup>3</sup> , 200 ppm

#### 101-68-8 diphenylmethane-4,4'-di-isocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m <sup>3</sup> Long-term value: 0.02 mg/m <sup>3</sup> Sen; as -NCO
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**26471-62-5 m-tolyldiene diisocyanate**

WEL (Great Britain)	Short-term value: 0.07 mg/m <sup>3</sup> Long-term value: 0.02 mg/m <sup>3</sup> Sen; as -NCO
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**· DNELs****141-78-6 ethyl acetate**

Oral	DNEL (consumer, long-term, systemic)	4.5 mg/kg bw/day (human)
Dermal	DNEL (worker, long-term, systemic)	63 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	37 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	1,468 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, systemic)	734 mg/m <sup>3</sup> (human)
	DNEL (consumer, short-term, systemic)	734 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, systemic)	367 mg/m <sup>3</sup> (human)
	DNEL (worker, short-term, local)	1,468 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, local)	734 mg/m <sup>3</sup> (human)
	DNEL (consumer, short-term, local)	734 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, local)	367 mg/m <sup>3</sup> (human)

**101-68-8 diphenylmethane-4,4'-di-isocyanate**

Inhalative	DNEL (worker, short-term, local)	0.1 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, local)	0.05 mg/m <sup>3</sup> (human)
	DNEL (consumer, short-term, local)	0.05 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, local)	0.025 mg/m <sup>3</sup> (human)

**· PNECs****141-78-6 ethyl acetate**

PNEC aqua (freshwater)	0.26 mg/L (.)
PNEC aqua (marine water)	0.026 mg/L (.)
PNEC STP	650 mg/L (.)
PNEC aqua (intermittent releases)	1.65 mg/L (.)

**101-68-8 diphenylmethane-4,4'-di-isocyanate**

PNEC aqua (freshwater)	1 mg/L (.)
PNEC aqua (marine water)	0.1 mg/L (.)
PNEC STP	1 mg/L (.)
PNEC soil	1 mg/kg soil dw (.)
PNEC aqua (intermittent releases)	10 mg/L (.)

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

**· 8.2 Exposure controls****· Personal protective equipment****· General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.  
Take off all contaminated clothing immediately.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.

**· Breathing equipment:**

Provide plenty of fresh air.  
Not necessary if room is well-ventilated.  
Use breathing protection in case of insufficient ventilation.  
Filter A/P2.

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- **Protection of hands:**



Protective gloves.

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

- **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.

Butyl rubber, BR

- **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.

Value for the permeation: Level = 4

- **As protection from splashes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

- **Eye protection:**



Tightly sealed safety glasses.

- **Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

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

- **General Information**

- **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Solvent-like
<b>Odour threshold:</b>	Not determined.

- **pH-value:** Not determined.

- **Change in condition**

<b>Melting point/freezing point:</b>	Not determined
<b>Initial boiling point and boiling range:</b>	77 °C

- **Flash point:** -4 °C

- **Inflammability (solid, gaseous)** Not applicable.

- **Ignition temperature:** 426 °C

- **Decomposition temperature:** Not determined.

- **Self-inflammability:** Product is not selfigniting.

- **Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

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· <b>Critical values for explosion:</b>	
<b>Lower:</b>	2.2 Vol %
<b>Upper:</b>	11.5 Vol %
· <b>Vapour pressure at 20 °C:</b> 97 hPa	
· <b>Density at 20 °C</b> 1.02 g/cm <sup>3</sup>	
· <b>Relative density</b> Not determined.	
· <b>Vapour density</b> Not determined.	
· <b>Evaporation rate</b> Not determined.	
· <b>Solubility in / Miscibility with Water:</b> Not miscible or difficult to mix	
· <b>Partition coefficient: n-octanol/water:</b> Not determined.	
· <b>Viscosity:</b>	
<b>dynamic:</b>	Not determined.
<b>kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	
<b>VOC EU</b>	60 %
· <b>9.2 Other information</b> No further relevant information available.	

### 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**  
Reacts with water by forming of carbon dioxide. Danger of cracking by pressure buildup when containers closed.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**  
Amines  
Alcohols  
Bases.  
acid
- **10.6 Hazardous decomposition products:**  
None in case of intended use and storage in compliance with instructions.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

##### 141-78-6 ethyl acetate

Oral	LD50	4,100 mg/kg (mouse) 6,100 mg/kg (rat)
Dermal	LD50	> 20,000 mg/kg (rabbit)
Inhalative	LC50	200 mg/l/1h (rat)
	LC50	> 22.5 mg/l/6h (rat) (40 CFR Part 799)

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**101-68-8 diphenylmethane-4,4'-di-isocyanate**

Oral	LD50	> 7,616 mg/kg (rat) (OECD 401)
Dermal	LD50	> 9,400 mg/kg (rabbit) (OECD 402)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Long-term skin contact may cause skin irritation and/or dermatitis.  
Longer or repeated contact with the product reduces the natural reepithelization of the skin and results in the desiccation of the skin. That product can be absorbed via the skin.  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation**  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause an allergic skin reaction.

• **Repeated dose toxicity****141-78-6 ethyl acetate**

Oral	NOAEL (90d)	900 mg/kg bw/day (rat) (EPA OTS 795.2600)
Inhalative	NOAEC (90d)	1.28 mg/m <sup>3</sup> (rat) (EPA OTS 798.2450)

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
Carc. 2
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity**  
Suspected of causing cancer.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure**  
May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**• **12.1 Toxicity**• **Aquatic toxicity:****141-78-6 ethyl acetate**

EC50 (static)	3,090 mg/l/24h (Daphnia magna) (DIN 38412pt 11)
EC50 (static)	5,600 mg/l/48h (Scenedesmus subspicatus) (DIN 38 412, Part 9)
LC50 (dynamic)	230 mg/l/96h (Pimephales promelas) (US EPA method E03-05)

**101-68-8 diphenylmethane-4,4'-di-isocyanate**

EC50 (static)	> 1,000 mg/l/24h (Daphnia magna) (OECD 202)
EC50 (static)	> 1,640 mg/l/72h (Desmodesmus subspicatus) (OECD 201)
LC0 (static)	> 3,000 mg/l/96h (Oryzias latipes)

- **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.

• **Additional ecological information:**• **General notes:**

The product contains materials that are harmful to the environment.  
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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- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 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 dangerous substances

- **Uncleaned packagings:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Non contaminated packagings can be used for recycling.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

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**

- **ADR, IMDG, IATA**

UN1866

- **14.2 UN proper shipping name**

- **ADR**

1866 RESIN SOLUTION mixture, special provision 640D

- **IMDG, IATA**

RESIN SOLUTION mixture

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

- **ADR**



- **Class**

3 (F1) Flammable liquids.

- **Label**

3

- **IMDG, IATA**



- **Class**

3 Flammable liquids.

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· <b>Label</b>	3
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	II
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b> · <b>Kemler Number:</b> · <b>EMS Number:</b> · <b>Stowage Category</b>	Warning: Flammable liquids. 33 F-E, S-E B
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>Transport category</b> · <b>Tunnel restriction code</b>	2 D/E
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1866 RESIN SOLUTION MIXTURE, SPECIAL PROVISION 640D, 3, II

### 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, 40, 56a
- **National regulations**
- **Information about limitation of use:**  
Employment restrictions concerning young persons must be observed.
- **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.

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### **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.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.

H412 Harmful to aquatic life with long lasting effects.

· **Department issuing data specification sheet:**

This Material Safety Data Sheet has been drawn up in cooperation with:

DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,

phone: (+49) 511 42079 - 0, reach@dekra.com.

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· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport 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

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

Dokument titel: SD455-Harz\_Paste\_3\_(GB)

This datasheets replaces all previous versions.