Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 18.04.2018

Printing date: 19.04.2018

SECTION 01: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**

- **Trade name:**
  STAUF R 105 Comp. A

- Article number:
  124320

- Product Group
  2-component polyurethane adhesive
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

- Product category
  PC1 Adhesives, sealants
- Application of the substance / the preparation
  Adhesives

- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  STAUF Klebstoffwerk GmbH
  Oberhausener Strasse 1
  57234 Wilnsdorf, Germany
  +49-(0)2739-301-0
  +49-(0)2739-301-200
- **1.4 Further information obtainable from:**
  quality management
  QS@stauf.de
- **1.5 Emergency telephone number:**
  CARECHEM24- EU, +44 1235 239670

SECTION 02: Hazards identification

- **2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008
  Void
- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms
  Void
- Signal word
  Void
- Hazard statements
  Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- PBT:
  Not applicable.
- vPvB:
  Not applicable.

SECTION 03: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**
  Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS Number		***%***
7727-43-7	***barium sulphate, natural***	***25,00- 50,00***
	EC number: 231-784-4	

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 18.04.2018

Printing date: 19.04.2018

PRODUCT : STAUF R 105 Comp. A

(Contd. of page 1)

substance with a Community workplace exposure limit.

- **Additional information:**
  For the wording of the listed risk phrases refer to section 16.

SECTION 04: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**
  Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
  Wash with water and soap.
- **After eye contact:**
  Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
  Do not induce vomiting; call for medical help immediately.
- **Information 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 05: Firefighting measures

- **Suitable extinguishing agents:**
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
  No further relevant information available.
- **5.3 Advice for firefighters**
  Do not inhale explosion gases or combustion gases.
- **Protective equipment:**
  Wear self-contained respiratory protective device.

SECTION 06: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  Ensure adequate ventilation
  Wear protective clothing.
- **6.2 Environmental precautions:**
  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).
- **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 07: Handling and storage

- **Handling:**
- **7.1 Precautions for safe handling**
  Use only in well ventilated areas.
  Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:**
  No special measures required.

- **7.2 Conditions for safe storage, including any incompatibilities**

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 18.04.2018

Printing date: 19.04.2018

PRODUCT : STAUF R 105 Comp. A

(Contd. of page 2)

- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  No special requirements.
- **Information about storage in one common storage facility:**
  Not required.
- **Further information about storage conditions:**
  Store in dry conditions.
- **7.3 Specific end use(s)**
  No further relevant information available.

SECTION 08: Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace**
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

7727-43-7 ***barium sulphate, natural***

WEL

Long-term value ***10* 4**** ***mg/m3***

inhalable dust **respirable dust

- **Additional information:**
  The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  The usual precautionary measures are to be adhered to when handling chemicals.
  Wash hands before breaks and at the end of work, use skin care products.
- **Respiratory protection: Not necessary if room is well-ventilated.**
- **Protection of hands:**
- Material of gloves
  Butyl rubber, BR
  Nitrile rubber, NBR
  Natural rubber, NR
- 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 protection: Safety glasses**
- **Body protection: Protective work clothing**

SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	Beige
Odour:	Characteristic
Odour threshold:	Characteristic
pH-value:	Not determined.
Change in condition	
Initial boiling point and boiling range:	351 °C
Flash point:	255 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	451 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 18.04.2018

Printing date: 19.04.2018

PRODUCT : STAUF R 105 Comp. A

(Contd. of page 3)

Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	at 20 °C 1,0000 hPa
Density:	1,9000 - 1,9600 g/cm3
Solubility in / Miscibility with water:	Partly miscible.
Viscosity:	
Dynamic:	at 20 °C 90 - 130 Pa.s
Solvent content:	
VOC (EC)	0,00 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **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**
  No further relevant information available.
- **10.5 Incompatible materials:**
  No further relevant information available.
- **10.6 Hazardous decomposition products:**
  No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**
  No further relevant information available.
- **Primary irritant effect:**
- on the skin:
  No irritant effect.
- on the eye:
  Direct contact to eyes can be irritating.
- **Sensitization:**
  No sensitising effects known.
- **Additional toxicological information:**
  The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity:
  No further relevant information available.
- **12.2 Persistence and degradability**
  No further relevant information available.
- **Behaviour in environmental systems:**
- **12.3 Bioaccumulative potential**
  No further relevant information available.
- 12.4 Mobility in soil
  No further relevant information available.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 18.04.2018

Printing date: 19.04.2018

PRODUCT : STAUF R 105 Comp. A

(Contd. of page 4)

- **Additional ecological information:**
- **General notes:**
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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**
  Disposal must be made according to official regulations.
  Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**
  08
  WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
  08 04
  wastes from MFSU of adhesives and sealants (including waterproofing products)
  08 04 10
  waste adhesives and sealants other than those mentioned in 08 04 09

- **Uncleaned packaging:**
- **Recommendation:**
  Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information

- **14.1 UN-Number**

ADR	Void
IMDG	Void
IATA	Void

- **14.2 UN proper shipping name**

ADR	Void
IMDG	Void
IATA	Void

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

ADR	
Class	Void
IMDG	
Class	Void
IATA	
Class	Void

- **14.4 Packing group**

ADR	Void
IMDG	Void
IATA	Void

- **14.5 Environmental hazards:**
  Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  Not applicable.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 18.04.2018

Printing date: 19.04.2018

PRODUCT : STAUF R 105 Comp. A

(Contd. of page 5)

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:**
  Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:**
  A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:**
  quality management
- **Abbreviations and acronyms:**
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  ICAO: International Civil Aviation Organisation
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  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
  vPvB: very Persistent and very Bioaccumulative

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

SECTION 01: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**

- **Trade name:**
  STAUF Hardener 10

- Article number:
  124211

- Product Group
  Isocyanate hardener
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

- Product category
  PC1 Adhesives, sealants

- Remark:
  Restricted to professional users.

- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  STAUF Klebstoffwerk GmbH
  Oberhausener Strasse 1
  57234 Wilnsdorf, Germany
  +49-(0)2739-301-0
  +49-(0)2739-301-200
- **1.4 Further information obtainable from:**
  quality management
  QS@stauf.de
- **1.5 Emergency telephone number:**
  CARECHEM24- EU, +44 1235 239670
  England, +44 1865 407333

SECTION 02: Hazards identification

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



GHS08

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 organs through prolonged or repeated exposure.



GHS07

Acute Tox. 4 - H332 Harmful if inhaled.
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 May cause respiratory irritation.

- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 1)



GHS08 GHS07

- Signal word
  Danger
- Hazard-determining components of labelling:
  diphenylmethanediisocyanate,isomeres and homologues
- Hazard statements
  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  H351 Suspected of causing cancer.
  H373 May cause damage to organs through prolonged or repeated exposure.
  H332 Harmful if inhaled.
  H335 May cause respiratory irritation.
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
  H317 May cause an allergic skin reaction.
- EUH204 Contains isocyanates. May produce an allergic reaction.
- Precautionary statements
  P101 If medical advice is needed, have product container or label at hand.
  P102 Keep out of reach of children.
  P103 Read label before use.
  P260 Do not breathe dust/fume/gas/mist/vapours/spray.
  P280 Wear protective gloves/protective clothing/eye protection/face protection.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P302+P352 IF ON SKIN: Wash with plenty of water.
  P405 Store locked up.
  P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- PBT:
  Not applicable.
- vPvB:
  Not applicable.

SECTION 03: Composition/information on ingredients

- **3.2 Mixtures**
- **Dangerous components:**

CAS Number		***%***
9016-87-9	***diphenylmethanediisocyanate,isomeres and homologues***	***85,00-100,00***
	Carc. 2	
	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	

- SVHC
  Void

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 2)

SECTION 04: 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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
  If skin irritation continues, consult a doctor.
  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.
  Remove contact lenses, if present and easy to do.
- **After swallowing:**
  Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **4.2 Most important symptoms and effects, both acute and delayed**
  Headache
  Asthma attacks
  Allergic reactions
  Irritation
  Erythema
- **4.3 Indication of any immediate medical attention and special treatment needed**
  No further relevant information available.

SECTION 05: Firefighting measures

- **Suitable extinguishing agents:**
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
  Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate vapors and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.
- **5.3 Advice for firefighters**
  No special measures required.
- **Protective equipment:**
  Wear self-contained respiratory protective device.
  Do not inhale explosion gases or combustion gases.
- **Additional information**
  Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 06: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  Ensure adequate ventilation
  Wear protective clothing.
- **6.2 Environmental precautions:**
  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.
- **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.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 3)

SECTION 07: Handling and storage

- **Handling:**
- **7.1 Precautions for safe handling**
  Use only in well ventilated areas.
  Avoid contact with eyes, skin and clothes.
- **Information about fire - and explosion protection:**
  No special measures required.

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  No special requirements.
- **Information about storage in one common storage facility:**
  Not required.
- **Further information about storage conditions:**
  Keep container tightly sealed.
  Protect from humidity and water.
- **7.3 Specific end use(s)**
  No further relevant information available.

SECTION 08: Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace**

9016-87-9 ***diphenylmethanediisocyanate,isomeres and homologues***

WEL

Short-term value	***0,07***	***mg/m3***
Long-term value	***0,02***	***mg/m3***

Sen; as -NCO

- **Additional information:**
  The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  The usual precautionary measures are to be adhered to when handling chemicals.
  Avoid contact with the eyes and skin.
  Wash hands before breaks and at the end of work, use skin care products.
  Keep away from foodstuffs, beverages and feed.
- **Respiratory protection: Not necessary if room is well-ventilated. Use suitable respiratory protective device when high concentrations are present.**
- **Protection of hands: Protective gloves**
- Material of gloves
  Butyl rubber, BR
  Nitrile rubber, NBR
  Natural rubber, NR
- 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 protection: Tightly sealed and solvent resistant goggles**
- **Body protection: Protective work clothing**

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 4)

SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	Brown
Odour:	Recognisable
Odour threshold:	Characteristic
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	< 0 °C
Initial boiling point and boiling range:	190 °C
Flash point:	111 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	400 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Explosion limits:	
Lower:	0,40 Vol %
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	1,2000 - 1,2500 g/cm3
Solubility in / Miscibility with water:	reacts s.Point 10
Viscosity:	
Dynamic:	at 20 °C 150 - 250 mPa.s
Solvent content:	
VOC (EC)	0,00 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
  Exothermic reaction with amines and alcohols; reacts with water forming CO2; in closed containers, risk of bursting owing to increase of pressure.
- **10.4 Conditions to avoid**
  No further relevant information available.
- **10.5 Incompatible materials:**
  No further relevant information available.
- **10.6 Hazardous decomposition products:**
  No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**

9016-87-9 ***diphenylmethanediisocyanate,isomeres and homologues***

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 5)

Oral, LD50: >2000 mg/kg (rat)
Dermal, LD50: >9400 mg/kg (rat)
Inhalative, LC50/4h: 490 mg/l (rat) (Aerosol)

- **Primary irritant effect:**
- on the skin:
Irritant to skin and mucous membranes.
- on the eye:
Irritating effect.
- **Sensitization:**
Sensitisation possible through inhalation.
Sensitisation possible through skin contact.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
Carc. 2

SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity:

9016-87-9 ***diphenylmethanediisocyanate,isomeres and homologues***

EC50 48h: >1000 mg/l (daphnie)
LC50/ 96h: > 1000 mg/l (Brachydanio rerio)
LC0: >1000 mg/l (fish)

- **12.2 Persistence and degradability**
No further relevant information available.
- **Behaviour in environmental systems:**
- **12.3 Bioaccumulative potential**
No further relevant information available.
- 12.4 Mobility in soil
No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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 together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**

```
07
WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02
wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 08
other still bottoms and reaction residues
```

- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 6)

SECTION 14: Transport information

- **14.1 UN-Number**

ADR	Void
IMDG	Void
IATA	Void

- **14.2 UN proper shipping name**

ADR	Void
IMDG	Void
IATA	Void

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

ADR	
Class	Void
IMDG	
Class	Void
IATA	
Class	Void

- **14.4 Packing group**

ADR	Void
IMDG	Void
IATA	Void

- **14.5 Environmental hazards:**
  Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  Not applicable.

SECTION 15: Regulatory information

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

- **REGULATION (EC) No 1907/2006 ANNEX XVII**
  Conditions of restriction: 3

- **National regulations:**

- **Waterhazard class:**
  Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:**
  A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:**
  quality management
- **Abbreviations and acronyms:**
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  ICAO: International Civil Aviation Organisation
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 11.07.2018

Printing date: 28.10.2020

PRODUCT : STAUF Hardener 10

(Contd. of page 7)

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

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