

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

Printing date 20.04.2017

Revision: 20.04.2017

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

- **1.1 Product identifier**
- **Trade name:** STOBIELAST® S133.00
- **Article number:** 22013300
- **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** Component of a polyurethane system.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
STOCKMEIER URETHANES France S.A.S  
8, rue de l'industrie, Z.I.  
F-68700 CERNAY  
FRANCE  
urethanes.fr@stockmeier.com
- **Further information obtainable from:** Product Safety Department.
- **1.4 Emergency telephone number:** Available during business hours: +33 389 75 70 70



### SECTION 2: Hazards identification

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



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 organs through prolonged or repeated exposure.



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 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**



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Méthylenediphenyl diisocyanate  
Réaction entre des oligomères de formaldéhyde, de l'aniline et du phosgène  
TDI, diisocyanate de m-tolylidène
- **Hazard statements**  
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.

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 20.04.2017

Revision: 20.04.2017

**Trade name: STOBIELAST® S133.00**

(Contd. of page 1)

*H351 Suspected of causing cancer.**H335 May cause respiratory irritation.**H373 May cause damage to organs through prolonged or repeated exposure.***· Precautionary statements***P260 Do not breathe dust/fume/gas/mist/vapours/spray.**P280 Wear protective gloves/protective clothing/eye protection/face protection.**P285 In case of inadequate ventilation wear respiratory protection.**P302+P352 IF ON SKIN: Wash with plenty of water.**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.**P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.**P403+P233 Store in a well-ventilated place. Keep container tightly closed.**P501 Dispose of contents/container in accordance with local/regional/national/international regulations.***· Additional information:***EUH204 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:***Urethane prepolymer based on oligomeric diphenylmethane diisocyanate.**Urethane prepolymer based on toluene diisocyanate.***· Dangerous components:**

26447-40-5	Méthylenediphenyl diisocyanate ⚠ 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. 1B, H317; STOT SE 3, H335	10-25%
32055-14-4	Réaction entre des oligomères de formaldéhyde, de l'aniline et du phosgène ⚠ 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	2.5-10%
26471-62-5	TDI, diisocyanate de m-tolyldène ⚠ 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	≤ 2.5%

**· 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:***Immediately remove any clothing soiled by the product.**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.**Remove contaminated clothing.***· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:***If symptoms persist consult doctor.*

(Contd. on page 3)

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

Printing date 20.04.2017

Revision: 20.04.2017

Trade name: **STOBIELAST® S133.00**

(Contd. of page 2)

Rinse mouth.

- **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:**
  - Water spray
  - Foam
  - Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
  - During heating or in case of fire poisonous gases are produced.
  - Nitrogen oxides (NOx)
  - Carbon monoxide (CO)
  - Carbon dioxide (CO<sub>2</sub>).
- **5.3 Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- **Additional information**
  - Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Mount respiratory protective device.
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation
- **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.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.
  - Open and handle receptacle with care.
  - Prevent formation of aerosols.
  - Precautionary measures if handling chemicals, wear appropriate personal protective equipment.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  - Stocker dans un endroit ventilé, air sec et frais, à l'abri de la lumière.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep container tightly sealed.

(Contd. on page 4)

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

Printing date 20.04.2017

Revision: 20.04.2017

Trade name: **STOBIELAST® S133.00**

(Contd. of page 3)

· **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.· **8.1 Control parameters**· **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.

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

Do not eat, drink, smoke or sniff while working.

· **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.

Filter A/P2

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.

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.

· **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 goggles

(Contd. on page 5)

GB

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

Printing date 20.04.2017

Revision: 20.04.2017

Trade name: **STOBIELAST® S133.00**

(Contd. of page 4)

· **Body protection:**

Protective work clothing

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

**Form:** Liquid  
**Colour:** Amber coloured

· **Odour:** Characteristic· **Odour threshold:** Not determined.· **pH-value:** Not determined.· **Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** Undetermined.· **Flash point:** Not applicable.· **Flammability (solid, gas):** Not applicable.· **Ignition temperature:****Decomposition temperature:** Not determined.· **Auto-ignition temperature:** Product is not selfigniting.· **Explosive properties:** Product does not present an explosion hazard.· **Explosion limits:****Lower:** Not determined.**Upper:** Not determined.· **Vapour pressure:** Not determined.· **Density at 20 °C:** 1.08 g/cm<sup>3</sup>· **Relative density** Not determined.· **Vapour density** Not determined.· **Evaporation rate** Not determined.· **Solubility in / Miscibility with water:**

Not determined.

· **Partition coefficient: n-octanol/water:** Not determined.· **Viscosity:****Dynamic at 20 °C:** 4200 mPas**Kinematic:** Not determined.· **Solvent content:** 0.0 g/l· **Organic solvents:** 0.0 %· **9.2 Other information** 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.

(Contd. on page 6)

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

Printing date 20.04.2017

Revision: 20.04.2017

Trade name: **STOBIELAST® S133.00**

(Contd. of page 5)

- **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** Based on available data, the classification criteria are not met.

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

**26447-40-5 Méthylenediphenyl diisocyanate**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>9400 mg/kg (rabbit)
Inhalative	LC50/1h	>2.24 mg/l (rat)

**32055-14-4 Réaction entre des oligomères de formaldéhyde, de l'aniline et du phosgène**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>9400 mg/kg (rabbit)
Inhalative	LC50/1h	>2.24 mg/l (rat)

**26471-62-5 TDI, diisocyanate de m-tolyldène**

Oral	LD50	4000-6000 mg/kg (rat)
Dermal	LD50	>9000 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
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.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.
- **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.

### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**26447-40-5 Méthylenediphenyl diisocyanate**

Oral	EC50	1000 mg/l (daphnia)
	LC50/96h	>1000 mg/l (poissons)

**32055-14-4 Réaction entre des oligomères de formaldéhyde, de l'aniline et du phosgène**

Oral	EC50	1000 mg/l (daphnia)
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**26471-62-5 TDI, diisocyanate de m-tolyldène**

Oral	EC50	750 mg/l (daphnia)
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(Contd. on page 7)



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

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Revision: 20.04.2017

Trade name: **STOBIELAST® S133.00**

(Contd. of page 6)

LC50/96h	3.230 mg/l (algae)
	>100 mg/l (poissons)
LC50/24h	>500 mg/l (poissons)

- **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.
- **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 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.
- **Waste disposal key:** Isocyanate wastes.

· <b>European waste catalogue</b>	
HP 4	Irritant - skin irritation and eye damage
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 7	Carcinogenic
HP 13	Sensitising

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

### SECTION 14: Transport information

· <b>14.1 UN-Number</b>	
· <b>ADR, ADN, IMDG, IATA</b>	not regulated
· <b>14.2 UN proper shipping name</b>	
· <b>ADR, ADN, IMDG, IATA</b>	not regulated
· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	not regulated
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	not regulated
· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	not regulated

GB

(Contd. on page 8)

**Safety data sheet**  
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(Contd. of page 7)

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008 GHS label elements**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **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.*

- **Relevant phrases**
  - 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.*
  - H351 Suspected of causing cancer.*
  - H373 May cause damage to organs through prolonged or repeated exposure.*
  - H412 Harmful to aquatic life with long lasting effects.*
- **Department issuing SDS:** Department of Product Safety.
- **Contact:** [urethanes.fr@stockmeier.com](mailto:urethanes.fr@stockmeier.com)
- **Abbreviations and acronyms:**
  - 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*
  - Skin Sens. 1B: Skin sensitisation – Category 1B*
  - 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*

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