

Material Safety Data Sheet

SL CAST 90 POL

According to 1907/2006/EC, article 31

Page 1/4

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1 Identification of substance

Product details

Trade name : **SL CAST 90 Polyol**
Manufacturer/Supplier : Sensor Line GmbH
Carl-Poellath Straße 19
86529 Schrobenhausen
Tel.: +49-8252-8943-0; Fax: +49-8252-8943-11
Informing department : Product development department
sensorline@sensorline.de
Emergency information : During normal opening times: Product development department
Telephone +49-8252-8943-20
Material uses : Component of a Polyurethane system

2 Hazards identification

2.1 Classification of the substance mixture

Classification according to Regulation (EC) No. 1272/2008

This product is not classified according the EC regulations.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008

Not classified

2.3 Other hazards

Not classified

3 Composition/Data on components

Identification number	:	2105510131060		
Chemical characterisation				
Description	:	Mixture of polyols with inorganic fillers and pigments.		
Dangerous components				
CAS NO. Designation		Index	R-phrases	Concentration
none		-	-	-%

4 First aid measures

General information : Do not induce the patient to vomit, if he is unconscious.
After skin contact : The product is generally no skin irritant. Rinse with water.
After eye contact : Rinse opened eye for at least 15 minutes under running water.
After swallowing : Consult doctor.

5 Fire fighting measures

Suitable extinguishing agents : CO₂, extinguishing powder or water jet.

Material Safety Data Sheet

According to 1907/2006/EC, article 31

Page 2/4

6 Accidental release measures

- Person-related safety precautions** : Not required.
- Measures for environmental protection** : No special measures required.
- Measures for cleaning/collecting** : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Additional information** : No dangerous materials are released.

7 Handling and storage

Handling

- Information for safe handling** : No special measures required.
- Information about protection against explosions and fires** : No special measures required.

Storage

- Requirements to be met by storerooms and containers** : Keep container closed and dry. Avoid product temperatures above +40°C and below 5°C.
- Information about storage in one common storage facility** : Keep separated from food stuffs.
- Further information about storage conditions** : None.

8 Exposure controls and personal protection

- Additional information about design of technical systems** : No further data; see item 15.
- Components with critical values that require monitoring at the workplace** : Not required.
- Additional information** : The lists that were valid during the compilation were used as basis.

Personal protective equipment

General protective and hygienic measures	:	The usual precautionary measures should be adhered to in handling the chemicals. Gases, fumes and aerosols should not be inhaled. Avoid eye and skin contact.
Breathing equipment	:	Not necessary if room is well ventilated.
Eye protection	:	Wear protective goggles.
Hand protection	:	Wear suitable gloves made of neoprene or nitril rubber (NR). Penetration time of glove material: for permanent usage contact glove manufacturer.
Body protection	:	Wear protective clothing.

Material Safety Data Sheet

SL CAST 90 POL

According to 1907/2006/EC, article 31

Page 3/4

9 Physical and chemical properties

Form	:	Liquid	
Colour	:	black	
Smell	:	Nearly odourless	
		Value/Range	Method
Change in condition			
Setting point	:	Not determined	
Boiling point/Boiling range	:	> 200°C	
Flash point	:	> 200°C	DIN 51755
Ignition temperature	:	> 400°C	DIN 51794
Decomposition temperature	:	> 200°C	
Danger of explosion	:	None	
Density at 20°C	:	1,20 g/cm ³	DIN 53217
Viscosity at 20°C	:	3500 mPa·s	DIN 53018/1+2
Miscibility with	:		
Water:	:	Not miscible or difficult to mix	

10 Stability and reactivity

Thermal decomposition / conditions to be avoided	:	> 200°C. Complete combustion gives CO ₂ and water.
Dangerous products of composition	:	No dangerous decomposition products if stored and handled correctly.

11 Toxicological information

Acute toxicity

LD50/LC50 values that are relevant for classification			
Components	Type	Value	Species
Polyol	LD 50 oral	> 2000 mg/kg	Rat

Primary irritant effect

On the skin	:	No irritant effect (rabbit).
On the eye	:	No irritant effect (rabbit).
Sensitisation	:	No sensitising effect known.
Additional toxicological information	:	The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

General notes	:	Water pollution class (KBwS): 1 - slightly hazardous to water. KBwS = Classification in accordance with German Water Resources Act.
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Material Safety Data Sheet

According to 1907/2006/EC, article 31

Page 4/4

13 Disposal considerations

- Recommendation
Uncleaned packagings
Recommendation** : Smaller quantities can be disposed with household garbage
- : Disposal must be made according to official regulations.
Abfallschlüssel according AAV: 20 01 28

14 Transport information

- Transport/Additional
information** : Not dangerous cargo.
Avoid temperatures above +40°C and below 5°C.
Keep away from foodstuffs, acids and alkalis.

15 Regulatory information

- Designation according to
EC guidelines** : The material is not subject to classification according to EC lists and other sources of literature known to us. The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

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.

Department issuing data specification sheet:

Product development department

Contact: Mr. Th, Häusler, Dr. A. Möhrke, Dr. J. Urschey