

Health & Safety Sheet

SL Cast 90-POL

Reviewed on 30.09.2009

1 Identification of substance

Product details

Trade name : **SL Cast 90 Polyol**
 Manufacturer/Supplier : Sensor Line GmbH
 Carl-Poellath Straße 19
 86529 Schrobenhausen, Germany
 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 Tel.: +49-8252-894320
 Material uses : Component of a Polyurethane system

2 Hazards identification

Hazard designation : Void
 Information pertaining to particular dangers for man and environment : According to data we have to hand this product is no hazardous material to the spirit of EC directives or the German decree regarding hazardous materials in the latest valid version.
 Classification system : This classification is in line with current EC lists. It is expanded, however, by information by technical literature and by information furnished by supplier companies.

3 Composition/Data on components

Identification number	:	2105510100000		
Chemical characterisation				
Description	:	Mixture of polyetherpolyols 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.

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.

9 Physical and chemical properties

Form	:	Liquid
Colour	:	Black
Smell	:	Nearly odourless

		Value/Range	Method
<u>Change in condition</u>			
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 CO₂ 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.

13 Disposal considerations

- Recommendation Uncleaned packagings** : Smaller quantities can be disposed with household garbage
- Recommendation** : 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.

Important notes:

Our advice in connection to technical applications either verbal, written or by means of experiments are given in good faith and to the best of our knowledge as an indication without obligation also in respect of third party protection. This does not dismiss the user's obligation to check that the supplied product is suitable for the desired purpose and that the necessary precautionary measures have been taken. Application, use and processing of our products take place outside our control possibilities. They are therefore the responsibility of the end user. We kindly refer you to our standard sales conditions. As our data sheets are regularly updated, please check your files to confirm you have the current edition. It is sometimes useful to perform application tests or to develop special variations for certain projects.
For more specific information please contact our Technical Department.

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