

SALES NAME / SUBSTANCE NAME: SL Novolac Base

Applied REACH EU 2015/830 regulations

**SNAKELINER**

X SDS

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name – Substance name

SL Novolac Base A

CAS NO

-

REACH NO

-

**1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST
RELEVANT IDENTIFIED USES**

IDENTIFIED USES

EPOXI-system / Hartz- component two component product

This SDS is only valid for component A (Harts) SL Novolac Base

1.3 SDS SUPPLIER DETAILS**Supplier (producer, importer, only representative, user, distributor)****Supplier for Finnish market (*)**

Snakeliner Oy

Address

Kisällintie 1

Postnumber and city

06150 PORVOO

Phone

+35820 7300 530

email

info@snakeliner.com

1.4 EMERGENCY NUMBER**Finland +358 9 471 977****– Only available at office hours 08.00-16.00****– Local market emergency toxic - chemical help number****SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture:**

Skin irrit. 2 H315

Skin Sens. 1 H317

2.2 LABELLING

GHS07

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2.3 OTHER HAZARDS	
-	No other hazards

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS		
3.1 SUBSTANCES		
Main substance / substancepart name	CAS-, EY- or index number	Purity
Formaldehydi polymeeri	Polymer	60-90%
Glycidyl Ether	28064-14-4	
Glycidyl Ether CC12-CC14 alcohol	68609-97-2	10-30%

3.2 MIXTURES				
Substance name	CAS-, EY- or indexnumber	REACH-register	Purity	Classification

KOHTA 4: FIRST AID MEASURES	
4.1 Description of first aid measures	
General notes:	If you feel nauseous, seek medical attention (always show a safety data sheet to your doctor).
Following inhalation:	Move the injured person out of the contaminated area to fresh air. Contact a local POISON CENTER or doctor if you experience nausea. In case of breathing difficulties, move the person into fresh air and keep in a resting position where it is easy to breathe.
Following skin contact:	Remove contaminated clothing and wash affected area with mild soap and water. Then rinse with warm water. If skin irritation or rash occurs: Seek medical attention.
Following eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if it can be done easily. Continue to rinse. If eye irritation persists: Seek medical attention.
Following ingestion:	Rinse mouth repeatedly and drink plenty of water. Do NOT induce vomiting. Seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed	
Symptoms / effects	May cause sensitization by skin contact, itching, flushing, blisters of millimeters most commonly in the hands on the arms.
Symptoms / effects if inhaled:	Nothing in normal use.
Symptoms / effects as a result of skin contact:	May cause an allergic skin reaction. May cause moderate irritation.
Symptoms / effects in eye contact	May cause slight irritation.
Symptoms / effects when swallowed	Nothing in normal use.
Chronic symptoms:	Skin irritation, dermatitis and sensitization.

4.3 Indication of any immediate medical attention and special treatment needed	
LOOK SECTION 4.1	

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SECTION 5: FIREFIGHTING MEASURES	
5.1	Extinguishing media
Suitable extinguishing media:	CO2 (carbon dioxide), extinguishing media; foam or dispersed water spray
5.2	Special hazards arising from the substance or mixture
Fire hazard:	Not flammable, Burning gases are released when heated
Explosive hazard:	Nothing in normal use
5.3	Advice for firefighters
Unsuitable extinguishing media:	Do not use high force water spray
Hazardous combustion products:	carbon monoxide, carbon dioxide, hydrocarbons
SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures
Evacuate and limit the emission range. Use protective equipment, disposable overalls, protective gloves, goggles Ensure adequate ventilation.	
6.2	Environmental precautions
Contaminated extinguishing water must be collected separately, it must not be allowed into the sewage system. Avoid release to the environment. Inform authorities if fluid is drained into drains or watercourses	
6.3	Methods and material for containment and cleaning up
Floods to be collected. Collect the product mechanically. This material and its packaging must be disposed of safely and in accordance with local legislation. Absorbents should be used to prevent splashing and dispose of properly.	
6.4	Reference to other sections
For more information, see section 13. For more information, see section 8 "Exposure Controls and Personal Protection". Contact the authorities in case of discharges, see section 1.4	
SECTION 7: HANDLING AND STORAGE	
7.1	Precautions for safe handling
Recommendations shall be specified to:	: Ensure good ventilation at the workstation. If necessary, extract point ventilation.
Advice on general occupational hygiene shall be provided, such as:	: Eating, drinking and smoking when using a banned chemical. Separate the work clothes from the garments and wash them apart. No contaminated working clothes should be taken out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and leaving the workplace.
7.2	Conditions for safe storage, including any incompatibilities
Warehousing	: Warehousing time 24 months , Storage in closed containers
Warehousing temperature	: + 10-20 °C
Conditions of storage	: Store in location, with good air ventilation.
Packaging materials	: Storing in stamped container
7.3	Specific end use
Not applied	
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
8.1	Control parameters
HTP-values	
Not valid	
Other values	
Not valid	

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DNEL-values

Not valid

PNEC-values

Not valid

8.2 Exposure control**Appropriate engineering controls**

Personal protection, air ventilation

Eye and face protection

Full mask goggles

Skin protection

Single use overalprotection, work clothe protection with skirt or chemical overalls, chemical gloves and pregloves.

Hand protection

Protective gloves (Nitrilrubber / Butylrubber)

Respiratory protection

If ventilation not addequate, use respiratory mask (Carbon filter)

Thermal hazards

Non

Enviromental exposure controls

Handle with caution, protect the environment from exposure by adequate action. Environmental protection; surface protection, ventilation, restriction of movement, prohibition marks.

**KOHTA 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Odour	Mild / odorless
Odour treshold	Low
pH	Not applicable
Melting point / Freezing point	-
Initial boiling point and boiling range	>200 °C
Flash point	> 250°C
Evaporation rate	-
Flammability (solids, gases)	-
Uppper/lower flammability or explosive limits	-
Vapour pressure	<0,01 + 20 ° C
Vapour density	-
Relative density	1,12 + 20 ° C
Solubility(ies)	Not to water

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Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

No other information

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under normal conditions. Avoid contact with strong acids, strong bases and oxidants. High temperature for a long time disperses the product.

10.2 Chemical stability

No dispersion if stored and handled properly.

10.3 Possibility of hazardous reactions

Reacts with amines

10.4 Conditions to avoid

Not specific details

10.5 Incompatible materials

Strong acids, strong bases and oxidizers

10.6 Hazardous decomposition products

Under normal conditions there are no hazardous decomposition products during storage and use. Hazardous polymerization does not occur in itself, but more than 0.5 kg of product plus polyamine (component B) when potlife is exceeded initiates irreversible polymerization during which it causes significant hot and irritant gases.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

68609-97-2 a mono [(C 12-14 alkyloxy) methyl] derivative of oxirane
Oral LD50> 5000 mg / kg (rat)

Skin corrosion / irritation

Irritating to skin and mucous membranes

Serious eye damage/irritation

Irritates the eye

Respiratory or skin sensitisation

Causes skin sensitisation

Germ cell mutagenity

No known effect

carcinogenicity

No known effect

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Reproductive toxicity

No Known effect

STOT- single exposure

Not available

STOT-repeated exposure

Not available

Aspiration hazard

Not available

Other information

Not available

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Not available

12.2 Persistence and degradability

Not available

12.3 Bioaccumulative Potential

Not available

12.4 Mobility in soil

Not available

12.5 Result of PBT- ja vPvB- assesment

Not relevant

12.6 Other adverse effects

Not available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

The composition of the Waste Directive (SFS 2011: 927) is hazardous waste. Emissions into the environment should be prevented.

Ask your local authorities for waste disposal.

SECTION 14: TRANSPORT INFORMATION**14.1 YK-NUMBER**

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14.2 UN PROPER SHIPPING NAME

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14.3 TRANSPORT HAZARD CLASS

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14.4 PACKING GROUP

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14.5 ENVIROMENTAL HAZARDS

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14.6 SPECIAL PRECAUTIONS FOR USER

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14.7 Transportation in bulk according to Annex II to MARPOL 73/78 and the IBC Code

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SECTION 15: REGULATORY INFORMATION**15.1 Safety, health environmental regulations /legislation specific for substance mixture**

- Only staff trained in epoxy treatment can handle the substance
- dust limit value 3mg / m3 AFS 2018: 1
- Occupational Safety refers to AFS 2018: Hygiene Limits
- Occupational safety refers to AFS 2018: Chemical jobs
- Occupational safety refers to AFS 2018: Health inspections of working life

15.2 Chemical safety assesment

No chemical safety assesment has been carried out

SECTION 16: OTHER INFORMATION**CAHNGES TO OTHER VERSION**

- 15.1 added

Explanations of abbreviations**ADR: International Convention on the International Carriage of Dangerous Goods by Road****RID: French International Motor Insurance (International Transport of Dangerous Goods by Rail)****IMDG: International Marine Code for Dangerous Goods****IATA: International Air Transport Association****GHS: A globally harmonized classification and labeling system for chemicals****CLP: Classification, Labeling and Packaging of Substances and Mixtures****EINECS: European Inventory of Existing Commercial Chemical Substances****CAS: Chemical Abstracts Service (Division of the American Chemical Society)****Data sources**

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Method used for rating rating

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List of R and S phrases and / or hazard and precautionary statements**GHS07****Training of employees****Only a trained employee can handle the product**