

SALES NAME / SUBSTANCE NAME: SNAKEPOXY Hardener fast B

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	SNAKEPOXY Hardener fast (B)
CAS NO	-
REACH NO	-

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

IDENTIFIED USES	<i>EPOXI-system / Hardener component two component product</i> This SDS is only valid for component B (Hardener) SNAKEPOXY Hardener fast
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1.3 SDS SUPPLIER DETAILS

Supplier (producer, importer, only representative, user, distributor)
Supplier for Finnish market (*)

Address	Snakeliner Oy 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 Corr. 1B H314	
Acute Tox. 4 H302	
Acute Tox. 4 H312	
Skin Sens. 1 H317	
Aquatic Chronic 3 H412	

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2.2 LABELLING

GHS07



GHS05

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
Trietylentetramin	112-24-3	60-90%
Bensylalkoholi	100-51-6	10-30%
Fenolinolformaldehydipolymeeri glysidyylietteri	28064-14-4	10-20%

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. Moisten the skin with lotion. If skin irritation or rash occurs: Seek medical attention.
Following eye contact:	Remove any contact lenses if possible. Rinse immediately with plenty of water while keeping eyelids wide apart. (Tempered flushing liquid 20-30C.) If symptoms persist consult doctor.
Following ingestion:	Rinse mouth repeatedly and drink plenty of water. Do NOT induce vomiting. Seek immediate medical attention.

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4.2	Most important symptoms and effects, both acute and delayed	
	Symptoms / effects	Harmful to the tissues and mucous membranes and upper respiratory tract, eyes and skin. Itching, redness, millimeter blisters usually in the hands and forearms.
	Symptoms / effects if inhaled:	Cough, shortness of breath, headache, nausea.
	Symptoms / effects as a result of skin contact:	May cause sensitization by skin contact.
	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	

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	
	Protective gear	Protective clothing and smoke dive gear
	Cooling of containers and packaging	Open containers and packagings to be cooled with water spray
	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, rubber boots, 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. Skin contact to be avoided, good industry hygiene. Eye wash to be arranged to work point.
	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

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Warehousing temperature	: + 10-20 °C
Conditions of storage	: Store in location, with good air ventilation.
Packaging materials	: Storing in stamped container, opened containers to be closed after usage to limit waist and disposed properly as adviced.

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

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 gogles

**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	AMinlike (mild)
Odour treshold	Low
pH	30 gr/l vid +20°C ca 11

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Melting point / Freezing point	-
Initial boiling point and boiling range	>200 °C
Flash point	> 100°C
Evaporation rate	-
Flammability (solids, gases)	-
Upper/lower flammability or explosive limits	Explosive lower limit 1,3 vol. % upper limit 13 vol. %
Vapour pressure	<0,28 + 20 ° C
Vapour density	-
Relative density	1,05 + 20 ° C
Solubility(ies)	Slightly soluble
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	> 350C
Decomposition temperature	> 250C
Viscosity	-
Explosive properties	Dust explosion possible
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

Strong reaction with acids

10.4 Conditions to avoid

Not specific details

10.5 Incompatible materials

Strong acids 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.

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SECTION 11: TOXICOLOGICAL INFORMATION	
11.1	Information on toxicological effects
	Acute toxicity
	Triethyltetramine 112-24-3
	Oral LD50 1716 mg/kg (RAT)
	Dermal LD50 1840 mg/kg (RABBIT)
	Skin corrosion / irritation
	Corrosive to skin and membranes
	Serious ey damage/irritation
	Strong corrosive
	Respiratory or skin sensitisation
	Possible skin sensitisation
	Germ cell mutagenity
	No known effect
	carcinogenicity
	No known effect
	Reproductive toxicity
	No Known effect
	STOT- single exposure
	Not available
	STOT-repeated exposure
	Not available
	Aspiration hazard
	Not availble
	Other information
	Not available

SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity
	EC50/48 h 31,1 mg/l (daphnia magna)
	EC50/72 h 20 mg/l (green algae)
	LC50/96 h 330 mg/l (fathead minnow)
12.2	Persistence and degradability
	The product is not readily biodegradable.
12.3	Bioaccumulative Potential
	Low risk of bioaccumulation; log P (o / v): -1.4
12.4	Mobility in soil
	Small potential for absorption to sewage sludge and soil.
12.5	Result of PBT- ja vPvB- assesment
	Not relevant
12.6	Other adverse effects
	Large emissions have a negative impact locally due to high pH value. A high pH damages aquatic organisms.
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.

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SECTION 14: TRANSPORT INFORMATION	
14.1	UN-NUMBER UN2259
14.2	UN PROPER SHIPPING NAME TRIETHYLENETETRAMINE
14.3	TRANSPORT HAZARD CLASS 8
14.4	PACKING GROUP, ADR –RID , IMDG , IATA II
14.5	ENVIRONMENTAL HAZARDS -
14.6	SPECIAL PRECAUTIONS FOR USER Warning, Corrosive
14.7	ADR & Transportation in bulk according to Annex II to MARPOL 73/78 and the IBC Code -

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

CHANGES TO OTHER VERSION

Substance name changed from SL Novolac hardener Fast B to SNAKEPOXY hardener fast B

15.1 added 21.8.2018 Vs 1.2

Original - Vs 1.0 16.3.2017

Hazard statements in text

302 Harmful if swallowed

H312 Harmful if swallowed

H314 Causes severe skin damage and eye damage

H317 May cause allergic skin reactions

H412 Harmful long-term effects on aquatic organisms

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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

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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

GHS05, GHS07, UN2259, TRIETHYLENETETRAMINE, 8 , II

Training of employees

Only a trained employee can handle the product