

# DisboPOX W 447 Comp. B

Version	Revision Date:	SDS Number:	Date of last issue: 26.01.2023
3.1	31.07.2024	6005486	Date of first issue: 05.08.2019

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

1.1	Product identifier Trade name	:	DisboPOX W 447 Comp. B
1.2	Relevant identified uses of th	ne s	ubstance or mixture and uses advised against
	Use of the Sub- stance/Mixture	:	Epoxide-resin-based coating material, aqueous
	Recommended restrictions on use	:	within adequate application - none
1.3	Details of the supplier of the	saf	ety data sheet
	Company	:	Disbon GmbH Roßdörfer Straße 50 64372 Ober-Ramstadt
	Telephone	:	+496154710
	Telefax	:	+4961547170222
	Website E-mail address Responsi- ble/issuing person	:	msds@dr-rmi.com

## 1.4 Emergency telephone

Emergency telephone 1	: +49613284463 GBK GmbH
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## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

## 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

#### **Additional Labeling**

EUH210 Safety data sheet available on request.

EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.



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EUH205 Contains epoxy constituents. May produce an allergic reaction.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Chemical nature :

Epoxy resin, aqueous

#### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
reaction mass of 5-chloro-2-	55965-84-9	Acute Tox. 3; H301	>= 0,0002 - <
methyl-2H-isothiazol-3-one and 2-		Acute Tox. 2; H330	0,0015
methyl-2H-isothiazol-3-one (3:1)	613-167-00-5	Acute Tox. 2; H310	
	01-2120764691-48	Skin Corr. 1C; H314	
		Eye Dam. 1; H318	
		Skin Sens. 1A; H317	
		Aquatic Acute 1; H400	
		Aquatic Chronic 1;	
		H410	
		EUH071	
		M-Factor (Acute	
		aquatic toxicity): 100	
		M-Factor (Chronic	
		aquatic toxicity): 100	
		. ,	
		specific concentration	
		limit	
		Skin Corr. 1C; H314	
		>= 0,6 %	
		Skin Irrit. 2; H315	

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878





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			0,06 - < 0,6 % Eye Irrit. 2; H319 0,06 - < 0,6 % Skin Sens. 1A; H317 >= 0,0015 % Eye Dam. 1; H318 >= 0,6 %	

For explanation of abbreviations see section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first-aid measures

General advice	:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Move out of dangerous area. First aider needs to protect himself.
If inhaled	:	Move to fresh air.
In case of skin contact	:	Do NOT use solvents or thinners. In case of contact, immediately flush skin with soap and plenty of water. Take off all contaminated clothing immediately.
In case of eye contact	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ phy- sician.
If swallowed	:	Call a physician. Clean mouth with water and drink afterwards plenty of water. If swallowed, DO NOT induce vomiting.

#### **4.2 Most important symptoms and effects, both acute and delayed** None known.

# 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment
- : No information available.

#### **SECTION 5: Firefighting measures**

5.1 Extinguishing media		
Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment. Foam



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				Carbon dioxide (C	202)
	Unsuita media	able extinguishing	:	None known.	
5.2	Special	hazards arising from	the	substance or mix	xture
	Specific hazards during fire fighting		:	Cool closed conta	iners exposed to fire with water spray. nposition products formed under fire condi-
5.3	Advice	for firefighters			
	•	protective equipment fighters	:	In the event of fire	e, wear self-contained breathing apparatus.
	Further	information	:	be disposed of in Standard procedu	contaminated fire extinguishing water must accordance with local regulations. are for chemical fires. and/or explosion do not breathe fumes.

## **SECTION 6: Accidental release measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Do not get in eyes, on skin, or on clothing. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure adequate ventilation. Remove all sources of ignition.
6.2 Environmental precautions		
Environmental precautions	:	Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Do not flush into surface water or sanitary sewer system.
6.3 Methods and material for co	ontai	nment and cleaning up
Methods for cleaning up	:	Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

#### 6.4 Reference to other sections

For further information see Section 7 of the safety data sheet. , For personal protection see section 8., For disposal considerations see section 13.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling



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	Advice on safe handling		:	Avoid exceeding section 8).	ection see section 8. the given occupational exposure limits (see air exchange and/or exhaust in work rooms.
				-	rrent technical information for this product on www.caparol.com must be observed.
		on protection against d explosion	:	The product is fla	mmable but not readily ignited.
	Hygier	e measures	:	contact with the s drinking, or smok this product. Rem	h contaminated clothing before re-use. Avoid kin and the eyes. Wash hands before eating, ing. Do not eat, drink or smoke when using hove contaminated clothing and protective entering eating areas.
7.2 (	Conditi	ons for safe storage,	inc	luding any incom	patibilities
		ements for storage and containers	:	dry, well ventilate and direct sunligh	ontainer. Store between 41 and 77 °F in a d place away from sources of heat, ignition at. Containers which are opened must be and kept upright to prevent leakage.
	Storag	e class (TRGS 510)	:	10	
	•	<b>c end use(s)</b> c use(s)	:	This information i	s not available.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

Personal protective equipment Eye/face protection : DGUV Regulation 112-192 - Use of eye and face protection				
	Goggles			
Hand protection Material Glove thickness Protective index	Nitrile rubber 0,2 mm Class 3			
Remarks	Gloves should be discarded and replaced if there is any indi- cation of degradation or chemical breakthrough. Before re-			



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		ble gloves teste	clean them with soap and water. Wear suita- ed to EN374. ion 112-195 - Use of protective gloves		
Skin and body protection		contaminated c Additional body task being perfo posable suits) t	Safety shoes Use appropriate degowning techniques to remove potentially contaminated clothing. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, dis- posable suits) to avoid exposed skin surfaces. Long sleeved clothing		
			rotection according to the amount and con- e dangerous substance at the work place.		
		Skin should be	washed after contact.		
Resp	iratory protection	used under con	on or brushing: This product should not be aditions of poor ventilation unless a protective ppropriate gas filter (i.e. type A1 according to I387) is used.		
			oplication: Do not breathe spray dust. Use tion filter for paint spraying.		
		DGUV Regulati	on 112-190 - Use of breathing equipment		

## **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Color	:	white
Odor	:	No data available
Odor Threshold	:	Not relevant
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined



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		explosion limit / Lower ability limit	:	not determined	
	Flash p	point	:	> 94 °C	
	Autoigr	nition temperature	:	not determined	
	Decom	position temperature	:	Not applicable	
	рН		:	6,95 Concentration: 1	0 %
	Viscosi Visc	ity cosity, dynamic	:	No data available	9
	Solubil Wat	ity(ies) ter solubility	:	partly miscible	
	Partitio octano	n coefficient: n- I/water	:	not determined	
	Vapor	pressure	:	not determined	
	Relativ	e density	:	not determined	
	Density	/	:	1,09 g/cm3 (20 °	C)
	Relativ	e vapor density	:	not determined	
9.2	<b>Other ir</b> Explos	nformation ives	:	Not applicable	
	Oxidizi	ng properties	:	Not applicable	
	Flamm	ability (liquids)	:	The product is no	ot flammable.



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Evaporation rate

: Not applicable

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No decomposition if stored and applied as directed.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Hazardous decomposition products formed under fire condi- tions.
10.4 Conditions to avoid		
Conditions to avoid	:	Protect from frost, heat and sunlight.
10.5 Incompatible materials		
Materials to avoid	:	Incompatible with acids. Incompatible with oxidizing agents.

#### **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

## **SECTION 11: Toxicological information**

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified based on available information.

#### Components:

# reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):Acute oral toxicity:LD50 (Rat): 66 mg/kg<br/>Method: OECD Test Guideline 401Acute inhalation toxicity:LC50 (Rat): 0,17 mg/l<br/>Exposure time: 4 h<br/>Test atmosphere: dust/mist<br/>Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rat): > 141 mg/kg Method: OECD Test Guideline 402 according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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## Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation Not classified based on available information.

## Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### **Respiratory sensitization**

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

#### STOT-single exposure

Not classified based on available information.

#### STOT-repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

#### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

Not classified based on available information.

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### Components:

```
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):
M-Factor (Acute aquatic tox- : 100
icity)
```



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M-Factor (Chronic aquatic : 100 toxicity)

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

#### Components:

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Partition coefficient: n-	:	log Pow: <= 0,75
octanol/water		Method: OECD Test Guideline 117

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### **12.6 Endocrine disrupting properties**

Product:
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Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

#### 12.7 Other adverse effects

#### Product:

Additional ecological infor-	:	An environmental hazard cannot be excluded in the event of
mation		unprofessional handling or disposal.

levels of 0.1% or higher.

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product

 Uncured product residues and unpurified packaging should be disposed of as hazardous waste.
 Material residues: Allow the basic substance to harden with hardener and dispose of as paint waste.



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		Waste should	not be disposed of via wastewater.	
Contaminated packaging		: Only completely emptied containers should be given for recy- cling.		
Waste Code			te paint and varnish containing organic solvents erous substances	

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

	ADN	:	Not regulated as a dangerous good
	ADR	:	Not regulated as a dangerous good
	RID	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	ΙΑΤΑ	:	Not regulated as a dangerous good
14.	2 UN proper shipping name		
	ADN	:	Not regulated as a dangerous good
	ADR		Not regulated as a dangerous good
	RID		Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
		:	
4.4		•	Not regulated as a dangerous good
14.	3 Transport hazard class(es)		
	ADN	:	Not regulated as a dangerous good
	ADR	:	Not regulated as a dangerous good
	RID	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	ΙΑΤΑ	:	Not regulated as a dangerous good
14.	4 Packing group		
	ADN	:	Not regulated as a dangerous good
	ADR	:	Not regulated as a dangerous good
	RID	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	IATA (Cargo)	:	Not regulated as a dangerous good
	IATA (Passenger)	:	Not regulated as a dangerous good



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#### 14.5 Environmental hazards

Remarks

Not regulated as a dangerous good

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

:

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)			Conditions of restriction for the fol- lowing entries should be considered: Number on list 75 If you intend to use this product as tattoo ink, please contact your ven- dor.
REACH - Candidate List of Substan Concern for Authorization (Article 5		:	None
Regulation (EC) on substances that deplete the ozone layer			Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)			Not applicable
REACH - List of substances subject to authorisation : None (Annex XIV)			None
Seveso III: Directive 2012/18/EU of pean Parliament and of the Counci control of major-accident hazards in dangerous substances.	l on the	Not	applicable
	WGK 1 slightly water e		
Product code for laquers and : RE1 Epoxy resin product code for laquers and : RE1 Epoxy resin product code to the second se			, solvent-free, sensitising
	RE10 Epoxy resin disp 317	oersi	ons, not sensitising, hardener H
Volatile organic compounds : I	Directive 2010/75/EU	of 24	4 November 2010 on industrial



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			rated pollution prevention and control) compounds (VOC) content: 0,5 %	
Volatile organic compounds		: Directive 2004/42/EC < 1 % < 10 g/l		

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

#### **SECTION 16: Other information**

#### Full text of H-Statements

Full text of other abbreviations		
EUH071		Corrosive to the respiratory tract.
H410	:	Very toxic to aquatic life with long lasting effects.
H400	:	Very toxic to aquatic life.
H330	:	Fatal if inhaled.
H318	:	Causes serious eye damage.
H317	:	May cause an allergic skin reaction.
H314	:	Causes severe skin burns and eye damage.
H310	:	Fatal in contact with skin.
H301	:	Toxic if swallowed.

#### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Skin Corr.	:	Skin corrosion
Skin Sens.	:	Skin sensitization

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELX - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Maritime Organization; IBCC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Convention for the Prevention of 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Qu

#### **Further information**

Other information

No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC. Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do



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			eria for classification as hazardous in accord- ations 1272/2008 EC or 1999/45/EC.
	es of key data used to le the Material Safety Sheet	gienists). 2014 T for chemical subs Exposure Indices 2014 ACGIH, Cir NIOSH - Registry ECDIN - Environ work - Joint Rese Communities SAX'S - Dangero GESTIS - Databa Arbeitsschutz de (IFA, Institute for man Social Accio	y of toxic effects of chemical substances mental Chemicals Data and Information Net- earch Centre, Commission of the European ous properties of industrial materials ase on hazardous substances - Institut für r Deutschen Gesetzlichen Unfallversicherung Occupational Safety and Health of the Ger-

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

## **REACH Information**

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

#### DE / EN