Trade name: NEUER ANSTRICH

Product no.: NA

Current version: 2.1.1, issued: 15.10.2024 Region: GER

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

## 1.1 Product identifier

Trade name

## **NEUER ANSTRICH**

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

## Relevant identified uses of the substance or mixture

Chemical product for building, modernising and repairing.

#### Uses advised against

No data available.

## 1.3 Details of the supplier of the safety data sheet

#### Address

LUGATO GmbH & Co. KG

Großer Kamp 1

D-22885 Barsbüttel

Telephone no. +49 (0)40 694 07-0

Fax no. +49 (0)40 694 07-109 + 110

## **Advice on Safety Data Sheet**

sicherheit@lugato.de

## 1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

## **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

## **Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

## 2.2 Label elements

## Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

**Hazard pictograms** 

Signal word

Signal word

Hazard statement(s)

Hazard statements (EU)

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-

3-one and 2-methyl-2H -isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one. May produce

an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe

spray or mist.

## Precautionary statement(s)

-

#### 2.3 Other hazards

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No special hazards have to be mentioned. Please observe the information given in this safety data sheet. This product 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.

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

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

## 3.1 Substances

Not applicable. The product is not a substance.

## 3.2 Mixtures

## **Chemical characterization**

Modified aqueous synthetic resin dispersion.

**Hazardous ingredients** 

	Substance name		Additional information		
No		Ol::(FO) 4070/0000 (OLD)		0/	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Concentration	%	
4	REACH no				
1		n powder form containing 1 % or more of			
		dynamic diameter ≤ 10 μm]			
	13463-67-7	Carc. 2; H351i	< 5,00	wt%	
	236-675-5				
	022-006-00-2				
	01-2119489379-17				
2	1,2-benzisothiazol-		pls. refer to footnote (2)		
	2634-33-5	Acute Tox. 4; H302	< 0,05	wt%	
	220-120-9	Acute Tox. 2; H330			
	613-088-00-6	Skin Irrit. 2; H315			
	01-2120761540-60	Skin Sens. 1; H317			
		Eye Dam. 1; H318			
		Aquatic Acute 1; H400			
		Aquatic Chronic 2; H411			
3	reaction mass of: 5	i-chloro-2-methyl-4-isothiazolin-3-one and 2-			
	methyl-2H -isothiaz				
	55965-84-9	Acute Tox. 3; H301	< 0,0015	wt%	
	-	Acute Tox. 2; H310	1 0,0010	Wt70	
	613-167-00-5	Acute Tox. 2; H330			
	01-2120764691-48	Aquatic Acute 1; H400			
	01-2120704031-40	Aquatic Chronic 1; H410			
		Eye Dam. 1; H318			
		Skin Corr. 1C; H314			
		Skin Sens. 1A; H317			
		EUH071			
4	0 4 1 011 ! 4 1				
4	2-methyl-2H-isothia		1 0 0045	/	
	2682-20-4	Acute Tox. 3; H301	< 0,0015	wt%	
	220-239-6	Acute Tox. 3; H311		1	
	613-326-00-9	Acute Tox. 2; H330			
	01-2120764690-50	Skin Corr. 1B; H314		1	
		Eye Dam. 1; H318		1	
		Skin Sens. 1A; H317			
		Aquatic Acute 1; H400			
		Aquatic Chronic 1; H410			
		EUH071			
5	barium sulfate, nat	ural			
	7727-43-7	-	< 2,50	wt%	
	231-784-4				
	-				
	-				
	•			•	

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Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

(2) According to the latest state of knowledge and applying the criteria set out in annex I to Regulation (EC) No 1272/2008, the aforementioned classification is required. This classification goes beyond the classification set out in table 3, Annex VI to Regulation (CE) No 1272/2008.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	V, W, 10	-	-	-
2	-	Skin Sens. 1; H317: C >= 0,05%	-	-
3	-	Skin Sens. 1A; H317: C >= 0,0015% Eye Irrit. 2; H319: C >= 0,06% Skin Irrit. 2; H315: C >= 0,06% Skin Corr. 1C; H314: C >= 0,6% Eye Dam. 1; H318: C >= 0,6%	M = 100	M = 100
4	-	Skin Sens. 1A; H317: C >= 0,0015%	M = 10	M = 1

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
1	H351i
	inhalational; -; -

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

## 4.1 Description of first aid measures

#### **General information**

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

## After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

## After skin contact

Remove with a cloth or paper. Wash off immediately with soap and water. Do NOT use solvents or thinners.

#### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

## After ingestion

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting.

## 4.2 Most important symptoms and effects, both acute and delayed

No data available.

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

## Unsuitable extinguishing media

High power water jet

## 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); Nitrogen oxides (NOx)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

Trade name: NEUER ANSTRICH

Product no.: NA

Current version: 2.1.1, issued: 15.10.2024 Replaced version: 2.1.0, issued: 13.03.2024 Region: GER

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

## Personal precautions, protective equipment and emergency procedures

## For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

## For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

#### 6.2 **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

#### 6.3 Methods and material for containment and cleaning up

Collect mechanically. Send in suitable containers for recovery or disposal.

#### 6.4 Reference to other sections

No data available.

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

#### 7.1 Precautions for safe handling

## Advice on safe handling

Ensure adequate ventilation. Refer to protective measures listed in section 8.

#### General protective and hygiene measures

Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

No special measures necessary.

#### 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place. Keep from freezing.

## Requirements for storage rooms and vessels

Store product in closed containers.

## Incompatible products

Do not store together with: Bases; Acids Stoarge Class according TRGS 510

Non-combustible liquids that cannot be assigned to any of the above storage classes

#### 7.3 Specific end use(s)

No data available.

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

#### 8.1 **Control parameters**

## Occupational exposure limit values

No	Substance name	CAS no.		EC no.
1	barium sulfate, natural	7727-43-7		231-784-4
	2006/15/EC			
	Barium (soluble compounds as Ba)			
	WEL long-term (8-hr TWA reference period)	0,5	mg/m³	_

## **DNEL, DMEL and PNEC values**

## **DNEL** values (worker)

No	Substance name			CAS / EC no	
	Route of exposure			Value	
1	titanium dioxide; [in powder form containing 1 % or more of particles with			13463-67-7	
	aerodynamic diameter ≤ 10 µm]			236-675-5	
	inhalative	Long term (chronic)	local	1,25	mg/m³

Trade name: NEUER ANSTRICH

Product no.: NA

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**DNEL** value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure			Value	
1	titanium dioxide; [in powder form containing 1 % or more of particles with			13463-67-7	
	aerodynamic diameter ≤ 10 µm]			236-675-5	
	inhalative	Long term (chronic)	local	210	μg/m³

## 8.2 Exposure controls

## Appropriate engineering controls

No data available.

## Personal protective equipment

## Respiratory protection

No special measures required.

#### Eye / face protection

No special measures required.

### **Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile rubber

Material thickness > 0,5 mm
Breakthrough time > 480 min

### Other

No special measures required.

#### **Environmental exposure controls**

No data available.

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

## 9.1 Information on basic physical and chemical properties

State of aggregation				
liquid				
Form				
liquid				
Colour				
various				
Odour				
sweetish				
pH value				
Value	7,5	- 8,0		
Reference temperature		20	°C	
Source	manufacturer			
Boiling point / boiling range				
Value		120	°C	
Melting point/freezing point				
No data available				
Decomposition temperature				
No data available				
Flash point				
No data available				

Trade name: NEUER ANSTRICH

Product no.: NA

Current version: 2.1.1, issued: 15.10.2024 Region: GER

Ignition temperature

No data available

Flammability

No data available

Lower explosion limit

No data available

Upper explosion limit

No data available

Vapour pressure

No data available

Relative vapour density

No data available

Relative density

No data available

Density

Value 1,3 g/cm<sup>3</sup>

Solubility in water

Comments insoluble

Solubility

No data available

Partition coefficient n-octanol/water (log value)

No Substance name

No Substance name CAS no. EC no.

1 titanium dioxide; [in powder form containing 1 % or 13463-67-7 236-675-5

more of particles with aerodynamic diameter  $\leq$  10  $\mu m$ ]

Not applicable

Source ECHA

Kinematic viscosity

No data available

Particle characteristics

No data available

### 9.2 Other information

Other information

No data available.

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

## 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

## 10.3 Possibility of hazardous reactions

No data available.

## 10.4 Conditions to avoid

Heat; Keep from freezing.

## 10.5 Incompatible materials

Alkalies; Acids

## 10.6 Hazardous decomposition products

In case of fire: see section 5.

Trade name: NEUER ANSTRICH

Product no.: NA

Current version: 2.1.1, issued: 15.10.2024 Region: 2.1.0, issued: 13.03.2024 Region: GER

## SECTION 11: Toxicological information

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

Acu	Acute oral toxicity						
No	Substance name		CAS no.		EC no.		
1	titanium dioxide; [in powder form contai more of particles with aerodynamic dian μm]		13463-67-7		236-675-5		
LD5	0	>		2000	mg/kg bodyweight		
Spe	cies	rat					
Meth	nod	OECD 401					
Sou	rce	ECHA					
Eval	uation/classification	Based on av	ailable data, the	classificatio	n criteria are not met.		

Acute dermal toxicity	
No data available	

Acute inhalational toxicity						
No	Substance name		CAS no.		EC no.	
1	titanium dioxide; [in powder form contain more of particles with aerodynamic diam		13463-67-7		236-675-5	
	μm]					
LC5	0			5,09	mg/l	
Dura	ation of exposure			4	h	
Stat	e of aggregation	Dust				
Spe	cies	rat				
Meth	hod	OECD 403				
Source		ECHA				
Eval	luation/classification	Based on ava	ailable data, the	e classificati	ion criteria are not met.	

Skin	Skin corrosion/irritation					
No	Substance name		CAS no.	EC no.		
1	titanium dioxide; [in powder form contain more of particles with aerodynamic diam		13463-67-7	236-675-5		
	μm]					
Spec	cies	rabbit				
Meth	nod	OECD 404				
Soul	rce	ECHA				
Eval	uation	non-irritant				
Eval	uation/classification	Based on avai	lable data, the classification	criteria are not met.		

Seri	Serious eye damage/irritation						
No	Substance name		CAS no.	EC no.			
1	titanium dioxide; [in powder form contain more of particles with aerodynamic diam um]		13463-67-7	236-675-5			
Spec	cies	rabbit					
Meth	nod	OECD 405					
Soul	Source		ECHA				
Eval	Evaluation		non-irritant				
Eval	uation/classification	Based on ava	ailable data, the cla	ssification criteria are not met.			

Res	Respiratory or skin sensitisation				
No	Substance name	CAS no.	EC no.		
1	titanium dioxide; [in powder form contai more of particles with aerodynamic diam um]		236-675-5		
Route of exposure		Skin			
Spec	cies	mouse			
Method		OECD 429			
Soul	rce	ECHA			
Evaluation		non-sensitizing			

Trade name: NEUER ANSTRICH

Product no.: NA

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## Evaluation/classification

Based on available data, the classification criteria are not met.

Geri	Germ cell mutagenicity				
No	Substance name	CAS no. EC no.			
1	titanium dioxide; [in powder form contai more of particles with aerodynamic diam µm]				
Туре	e of examination	In vitro mammalian cytogenicity			
Meth	nod	OECD 487			
Soul	rce	ECHA			
Eval	uation/classification	Based on available data, the classification criteria are not met.			
Rou	te of exposure	oral			
Туре	e of examination	In vivo mammalian somatic cell study: cytogenicity / erythrocyte			
		micronucleus			
Species		rat			
Method		OECD 474			
Sour	rce	ECHA			
Evaluation/classification		Based on available data, the classification criteria are not met.			

Rep	Reproduction toxicity					
No	Substance name	CAS no. EC no.				
1	titanium dioxide; [in powder form contain more of particles with aerodynamic diam μm]					
Rout	te of exposure	oral				
NOA	<b>NEL</b>	>= 1000 mg/kg bw/d				
Туре	e of examination	Reproductive studies - one generation				
Spec	cies	rat				
Meth	nod	OECD 443				
Source		ECHA				
Eval	uation/classification	Based on available data, the classification criteria are not met.				
Rout	te of exposure	oral				
NOA	NEL NEL	1000 mg/kg bw/d				
Type of examination		Prenatal Developmental Toxicity Study				
Species		rat				
Method		OECD 414				
Source		ECHA				
Evaluation/classification		Based on available data, the classification criteria are not met.				

Card	Carcinogenicity					
No	Substance name		CAS no.	EC no.		
1	titanium dioxide; [in powder form contain more of particles with aerodynamic diam um]		13463-67-7	236-675-5		
Rou	te of exposure	oral				
NOE	L		750	0 mg/kg bw/d		
Species		mouse		-		
Source		ECHA				
Evaluation/classification B		Based on av	ailable data, the class	ification criteria are met.		

## STOT - single exposure

No data available

STO	STOT - repeated exposure					
No	Substance name		CAS no.		EC no.	
1	titanium dioxide; [in powder form contai	ning 1 % or	13463-67-7		236-675-5	
	more of particles with aerodynamic diam	neter ≤ 10				
	μm]					
Rou	te of exposure	oral				
NOA	\EL	>		962	mg/kg bw/d	
Spe	cies	rat				
Method		OECD 408				
Sou	rce	ECHA				

Trade name: NEUER ANSTRICH

Product no.: NA

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Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	inhalational
Species	rat
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Aspiration hazard	
No data available	

Endocrine disrupting properties	
No data available	

## 11.2 Information on other hazards

## Other information

By appropiate use of the product no health damage is known.

## SECTION 12: Ecological information

## 12.1 Toxicity

Toxicity to fish (acute)	
No data available	

# Toxicity to fish (chronic) No data available

# Toxicity to Daphnia (acute) No data available

# Toxicity to Daphnia (chronic) No data available

Toxi	Toxicity to algae (acute)					
No	Substance name		CAS no.		EC no.	
1	titanium dioxide; [in powder form contai		13463-67-7		236-675-5	
	more of particles with aerodynamic diam	neter ≤ 10				
	µm]					
EC5	0	>		100	mg/l	
Duration of exposure				72	h	
Species		Raphidocelis subcapitata				
Method		OECD 201	•			
Soul	Source					
Evaluation/classification		Based on the	available data, t	the classific	ation criteria are not m	et.

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity	
No data available	

12.2 Persistence and degradability

Biodegradability				
No	Substance name	CAS no.	EC no.	
1	titanium dioxide; [in powder form containing 1 % or 13463-67-7 236-675-5 more of particles with aerodynamic diameter ≤ 10 μm]		236-675-5	
Source		ECHA		
Evaluation		Not applicable for inorganic substances.		

12.3 Bioaccumulative potential

Part	Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.	
1	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm]	13463-67-7	236-675-5	

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Not applicable
Source ECHA

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
Product Name	
NEUER ANSTRICH	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

#### 12.8 Other information

#### Other information

Do not discharge into drains or waters and do not dispose of in public landfills

## **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

#### **Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

## **Packaging**

Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

## **SECTION 14: Transport information**

### 14.1 UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

## 14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

## 14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations.

## 14.4 Packing group

Not classified as dangerous in the meaning of transport regulations.

## 14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

## 14.6 Special precautions for user

No data available.

## 14.7 Maritime transport in bulk according to IMO instruments

Not relevant

## **SECTION 15: Regulatory information**

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

## REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

# Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No	
1	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	75	
2	2-methyl-2H-isothiazol-3-one	2682-20-4	220-239-6	75	
3	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	-	75	
4	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm]	13463-67-7	236-675-5	75	

## Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)		
VOC content	0,553 g/l	
VOC-value	0,043 %	

## Other regulations

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

## **National regulations**

## Water Hazard Class (Germany)

Class

Source Classification according to AwSV (Regulation on facilities for handling substances

that are hazardous to water).

Other regulations

GISCODE BSW20 Covering agents, solvent based

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## **SECTION 16: Other information**

## Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

# Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH071 Corrosive to the respiratory tract.

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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Product no.: NA

W

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H318 Causes serious eye damage.

H330 Fatal if inhaled.

H351i Suspected of causing cancer by inhalation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.H411 Toxic to aquatic life with long lasting effects.

# Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

V If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5

µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

It has been observed that the carcinogenic hazard of this substance arises when

respirable dust is inhaled in quantities leading to significant impairment of particle

clearance mechanisms in the lung.

This note aims to describe the particular toxicity of the substance; it does not constitute a

criterion for classification according to this Regulation.

The concentration stated or, in the absence of such concentrations, the generic

concentrations of this Regulation (Table 3.1) or the generic concentrations of Directive 1999/45/EC (Table 3.2), are the percentages by weight of the metallic element calculated

with reference to the total weight of the mixture.

## Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

## Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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