

NespriFiXX Basis 3

1.1 Product identifier Trade name

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

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Trade fiame	. Nesphenz dasis 5	
1.2 Relevant identified uses of	the substance or mixture and uses advised against	
Use of the Sub- stance/Mixture	: Water-borne coatings	
Recommended restrictions on use	: within adequate application - none	
1.3 Details of the supplier of the	ne safety data sheet	
Company	: Caparol Farben Lacke GmbH Roßdörfer Straße 50 64372 Ober-Ramstadt	
Telephone	: +496154710	
Telefax	: +4961547170222	
E-mail address Responsi- ble/issuing person	: msds@dr-rmi.com	
1.4 Emergency telephone num	nber	
Emergency telephone num- ber 1	: +49613284463 GBK GmbH	
SECTION 2: Hazards identifi	fication	
2.1 Classification of the substa	ance or mixture	
Classification (REGULATIO		
Skin sensitisation, Category	H317: May cause an allergic skin reaction.	
2.2 Label elements		
Labelling (REGULATION ((EC) No 1272/2008)	
Hazard pictograms		
Signal word	: Warning	
Hazard statements	: H317 May cause an allergic skin reaction.	

according to Regulation (EC) No. 1907/2006

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Precau	itionary statements	label at hand. P102 Keep out o Prevention: P262 Do not get	advice is needed, have product container or of reach of children.
		Response:	ective gloves/ eye protection. ON SKIN: Wash with plenty of soap and

Hazardous components which must be listed on the label:

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

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
2-methylisothiazol-3(2H)-one	2682-20-4 220-239-6 613-326-00-9 01-2120764690-50	Acute Tox. 2; H330 Acute Tox. 3; H311 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	>= 0,0025 - < 0,025
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1;	>= 0,0025 - < 0,025

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methy methy	on mass of 5-chloro-2 yl-2H-isothiazol-3-one yl-2H-isothiazol-3-one	and 2- (3:1) 613-167 01-2120	Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100
	tances with a workpla Mg3H2(SiO3)4)	ce exposure limit	
		238-877	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	First aider needs to protect himself. Move out of dangerous area. If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
If inhaled	:	Move to fresh air.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners.
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. If eye irritation persists: Get medical advice/ attention.
If swallowed	:	If swallowed, DO NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Seek medical advice.

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	mportant symptoms ar known.	nd e	effects, both acute	e and delayed
4.3 Indica	tion of any immediate	med	dical attention and	d special treatment needed
Treat	ment	:	No information av	ailable.
SECTION	1 5: Firefighting meas	sur	es	
5.1 Exting	uishing media			
Suitable extinguishing media		:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or car bon dioxide.	
Unsuitable extinguishing media		:	None known.	
5.2 Specia	al hazards arising from	the	substance or mi	xture
	fic hazards during fire-	:		zardous decomposition products may be
fighting			produced such as Carbon monoxide bons (smoke).	: e, carbon dioxide and unburned hydrocar-
5.3 Advice	e for firefighters			
	al protective equipment efighters	:	Wear self-contain essary.	ed breathing apparatus for firefighting if neo
for fire				does not burn.

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. Material can create slippery conditions. Use protective shoes or boots with rough rubber sole.
6.2 Environmental precautions		
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage if safe to do so.
6.3 Methods and material for co	ntai	nment and cleaning up
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel.

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6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions f	or safe handling		
Advice on saf	e handling :		No special technical protective measures required. For personal protection see section 8.
Hygiene mea	sures :		Do not eat, drink or smoke when using this product. Wash hands before eating, drinking, or smoking.
7.2 Conditions fo	r safe storage, inc	clu	iding any incompatibilities
Requirements areas and con	•		Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container. To maintain product quality, do not store in heat or direct sunlight. Perishable if frozen.
Advice on co	mmon storage :		Keep away from oxidizing agents and strongly acid or alkaline materials.
Storage class	s (TRGS 510) :		12, Non Combustible Liquids
7.3 Specific end u	use(s)		
Specific use(s	6) :		Please follow the technical information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis		
Talc (Mg3H2(SiO3)4)	14807-96-6	AGW (Inhalable fraction)	10 mg/m3	DE TRGS 900		
Peak-limit: excur- sion factor (catego- ry)	2;(II)					
Further information	General dust value. For this substance no specific occupational exposure limit value is established, since the AGS does not yet have information regarding unspecific action on the respiratory organs in excess of the normal values., Commission for dangerous substances, Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission).					
	AGW (Alveolate 1,25 mg/m3 DE TRGS 900					
Peak-limit: excur- sion factor (catego- ry)	2;(II)					

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8.2 Expos	sure controls			
Pers	onal protective equipn	nent	:	
Eye p	protection	:	German trade as	ssociation rules - BGR 192 Eye protection
			Goggles	
M G	l protection aterial love thickness rotective index	:	Nitrile rubber 0,2 mm Class 3	
R	emarks	:	gloves clean the	oves tested to EN374. Before removing m with soap and water. ssociation leaflet: Carry gloves (ZH 1/706)
Skin	and body protection	:	Long sleeved clo Safety shoes	othing
				ptection according to the amount and con- dangerous substance at the work place.
			Skin should be v	vashed after contact.
				sh contaminated clothing before re-use. blication: impervious clothing
Resp	iratory protection	:	No personal resp quired.	piratory protective equipment normally re-
			German trade as tion	ssociation rules - BGR 190 Breathing protec-
				blication: Do not breathe spray dust. Use on filter for paint spraying.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	Not relevant
рН	:	not determined
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined

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	Flash p	point	:	Not applicable	
	Evapor	ration rate	:	Not applicable	
		explosion limit / Upper ability limit	:	not determined	
		explosion limit / Lower ability limit	:	not determined	
	Vapou	r pressure	:	not determined	
	Relativ	e vapour density	:	not determined	
	Relativ	e density	:	not determined	
	Density	4	:	1,4400 g/cm3	
	Solubil Wa	ity(ies) ter solubility	:	completely misci	ble
	Partitio octano	n coefficient: n- I/water	:	not determined	
	Auto-ig	nition temperature	:	not determined	
	Decom	position temperature	:	Not applicable	
	Viscos Visc	ity cosity, dynamic	:	No data available	9
	Explos	ive properties	:	Not applicable	
	Oxidizi	ng properties	:	Not applicable	
9.2		nformation ability (liquids)	÷	The product is n	ot flammable.

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	: No decomposition if stored and applied as directed.
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10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

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10.5 Incompatible materials

Materials to avoid

: Incompatible with oxidizing agents. Incompatible with acids and bases.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product:

Acute oral toxicity	: Remarks: Based on available data, the classification class are not met.	riteria
Acute inhalation toxicity	: Remarks: Based on available data, the classification class are not met.	riteria
Acute dermal toxicity	: Remarks: Based on available data, the classification cl	riteria

are not met.

Components:

2-methylisothiazol-3(2H)-c	one:	
Acute oral toxicity	:	LD50 (Rat): 120 mg/kg
Aguta inhalation toxicity		LCE0 (Bot): 0.145 mg/

Acute inhalation toxicity	: L	.C50 (Rat): 0,145 mg/l
	E	xposure time: 4 h
	Т	est atmosphere: dust/mist

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity	:	LD50 (Rat): 532 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 0,4 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 (Rat): > 2.000 mg/kg

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 Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat): 0,17 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity	:	LD50 (Rat): > 141 mg/kg

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		Method: OE0	CD Test Guideline 402		
Skin	corrosion/irritation				
Prod	uct:				
Rema	arks		the classification criteria of the European Unions of the European Unions not considered as being a skin irritant.		
Serio	us eye damage/eye	irritation			
Prod	uct:				
		: According to	According to the classification criteria of the European Unior the product is not considered as being an eye irritant.		
Rema	arks	the product is	s not considered as being an eye irritant.		
	arks iratory or skin sens		s not considered as being an eye irritant.		
	iratory or skin sens		s not considered as being an eye irritant.		

12.1 Toxicity

<u>Product:</u> Toxicity to fish :		Remarks: No data available
Toxicity to daphnia and other : aquatic invertebrates		Remarks: No data available
Components:		
2-methylisothiazol-3(2H)-one:		
M-Factor (Acute aquatic tox- : icity)		10
M-Factor (Chronic aquatic : toxicity)		1
1,2-benzisothiazol-3(2H)-one:		
M-Factor (Acute aquatic tox- : icity)		1
M-Factor (Chronic aquatic : toxicity)	:	1
reaction mass of E chlore 2 m	~~	thul 24 inathiazal 2 and and 2 mathyl 24 inathiazal 2 and
(3:1):	ie	thyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one
M-Factor (Acute aquatic tox- : icity)		100
M-Factor (Chronic aquatic :		100

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according		.00	,,2000	
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toxicit	ty)			
	istence and degradab ata available	ility		
12.3 Bioa	ccumulative potential			
<u>Com</u>	oonents:			
react (3:1):		2-me	ethyl-2H-isothia	azol-3-one and 2-methyl-2H-isothiazol-3-on
	ion coefficient: n- ol/water	:		,71 D Test Guideline 117
	lity in soil ata available			
12.5 Resu	lts of PBT and vPvB a	asse	ssment	
Produ	uct:			
Asses	ssment	:	to be either pe	e/mixture contains no components considered ersistent, bioaccumulative and toxic (PBT), or t and very bioaccumulative (vPvB) at levels of r
12.6 Othe	r adverse effects			
<u>Produ</u> Additi matio	onal ecological infor-	:		ntal hazard cannot be excluded in the event o I handling or disposal.
SECTION	13: Disposal consi	ider	ations	
13 1 Waet	e treatment methods			
Produ		:		
			Waste should	not be disposed of via wastewater.
Conta	aminated packaging	:	Only complete cling.	ely emptied containers should be given for rec

Waste Code : used product 080112, waste paint and varnish other than those mentioned in 08 01 11*

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

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14.3 Transport hazard class(es) Not regulated as a dangerous good						
14.4 Packing group Not regulated as a dangerous good						
14.5 Environmental hazards Not regulated as a dangerous good						
14.6 Special precautions for user						
Rema	arks	:	Not classified lations.	as dangerous in the meaning of transport regu-		

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

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 - Candidate List of Sub Concern for Authorisation (Artic			:	This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be gener- ated.
REACH - List of substances sul (Annex XIV)	bje	ect to authorisation	:	None
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)				Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
				methanol (Number on list 69) formaldehyde (Number on list 72, 28)
Seveso III: Directive 2012/18/E major-accident hazards involvin			ent	and of the Council on the control of
Water contaminating class (Germany)	:	1 slightly water er Classification according		
Product code for laquers and paints / Giscode	:	M-DF01 Water-based pa	ain	ts, solvent-free
	:	BSW20 Coating materia	als,	water-based
Volatile organic compounds	:	Directive 2004/42/EC		

< 0.1 % < 1 g/l

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Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

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.
H318 :	Causes serious eye damage.
H330 :	Fatal if inhaled.
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.

Full text of other abbreviations

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

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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 - Biobally 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; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Letthal Concentration to 50% of a test population; LD50 - Leta Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Coventro for the Prevention of Pollution form 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; (NSR - (Quantitative) Structure Activity Relationship; REACH - Regulation (Ec) No 1907/2006 of the European Parliament and of the Council

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

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substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

Sources of key data used to compile the Safety Data Sheet:

ECHA WebSite

ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH NIOSH - Registry of toxic effects of chemical substances

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX'S - Dangerous properties of industrial materials

GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology Data Network

Classification procedure:

Calculation method

Skin Sens. 1 H317

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 guid-

ance 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. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

DE / EN