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

1.1 Product identifier

Trade name

: Pulastic[®]-Coating 222/W Part A

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

Product use

: Flooring system, For professional users only.

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Nederland B.V.
		Zonnebaan 56
		3542 EG Utrecht
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person	:	EHS@nl.sika.com
responsible for the SDS		

1.4 Emergency telephone number

+31-57-0854201

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation, Category 1

H317: May cause an allergic skin reaction.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

2

Hazard pictograms

	·		
Signal word	:	Warning	
Hazard statements	:	H317 N	May cause an allergic skin reaction.
Precautionary statements	:	Prevention: P261 P272	Avoid breathing mist or vapours. Contaminated work clothing should not be allowed out of the workplace.

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	P280	Wear protective gloves.	
	Response:		
	P333 + P313	If skin irritation or rash occurs: advice/ attention.	Get medical
	P362 + P364	Take off contaminated clothing before reuse.	and wash it
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	n accordance

Hazardous components which must be listed on the label:

1,2-benzisothiazol-3(2H)-one (BIT) 2-methyl-2H-isothiazol-3-one (MIT) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (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.

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.



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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one (BIT)	2634-33-5 220-120-9 01-2120761540-60- XXXX	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1 specific concentration limit Skin Sens. 1A; H317 >= 0,036 % Acute toxicity esti- mate Acute oral toxicity: 450 mg/kg Acute inhalation tox- icity (dust/mist): 0,21 mg/l	>= 0,0025 - < 0,025

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

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bronopol (INN)	52-51-7	Acute Tox. 3; H301	>= 0,0025 - <
	200-143-0 01-2119980938-15- XXXX	Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system)	0,025
		Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
		M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	
2-methyl-2H-isothiazol-3-one (MIT)	2682-20-4 220-239-6 01-2120764690-50- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0025 - < 0,025
		M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 200 mg/kg	

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mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-2H- isothiazol-3-one [EC no. 220-239- 6] (3:1) (C(M)IT/MIT (3:1))	55965-84-9 911-418-6 01-2120764691-48- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 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 % specific concentration limit Skin Irrit. 2; H315 0,06 - < 0,6 % specific concentration limit Eye Irrit. 2; H319 0,06 - < 0,6 % specific concentration limit Skin Sens. 1A; H317 >= 0,0015 % specific concentration limit Eye Dam. 1; H318 >= 0,6 %	>= 0,0002 - < 0,0015
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For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	 Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	 Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important symptoms a	nd effects, both acute and delayed
Symptoms	: Allergic reactions See Section 11 for more detailed information on health effects and symptoms.
Risks	: sensitising effects
	May cause an allergic skin reaction.
4.3 Indication of any immediate	medical attention and special treatment needed
Treatment	: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media :	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.					
5.2 Special hazards arising from the substance or mixture						

Hazardous combustion prod- : No hazardous combustion products are known ucts



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5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing	j apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental releas	ie I	measures	
6.1 Personal precautions, protec	tiv	e equipment and emergency procedures	
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			
Environmental precautions	:	Do not flush into surface water or sanitary sewer	system.
6.3 Methods and material for cor	ntai	inment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	silica gel,

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

	Advice on safe handling	:	 Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products 	
	Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
	Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.	
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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.
Further information on stor- age stability	:	No decomposition if stored and applied as directed.
7.3 Specific end use(s)		

Specific use(s)

: Consult most current local Product Data Sheet prior to any use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

·				
Components	CAS-No.	Value type (Form	Control parame-	Basis *
		of exposure)	ters *	

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment	
Eye/face protection :	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection :	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection :	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

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Respiratory protection	:	No special measures required.	
Environmental exposure co	ntrc	Is	
General advice	:	Do not flush into surface water or sanitar	y sewer system.
CTION 9: Physical and che	mio	al properties	
Information on basic physica	l ar	d chemical properties	
Physical state Colour	:	liquid off-white	
Odour	:	characteristic	
Melting point/ range / Freez- ing point	:	No data available	
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or	exp	plosive limits	
Upper explosion limit / Upper flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	Not applicable	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	ca. 7	
Viscosity Viscosity, kinematic	:	> 7 mm2/s (40 °C)	
Solubility(ies) Water solubility		No data available	

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Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: ca. 1,3 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

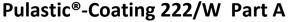
Conditions to avoid	: No data available
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10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.





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SECTION 11: Toxicological information

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

Acute toxicity

Not classified due to lack of data.

Components:

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

Acute oral toxicity :	Acute toxicity estimate: 450 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008			
	LD50 Oral (Rat): 450 mg/kg			
Acute inhalation toxicity :	Acute toxicity estimate: 0,21 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008			
	LC50: 0,21 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403			
Acute dermal toxicity :	LD50 Dermal (Rabbit): > 2.000 mg/kg			
2-methyl-2H-isothiazol-3-one (MIT):				

Acute oral toxicity : LD50 (Rat): 200 mg/kg

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)):

Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.

Skin corrosion/irritation

Not classified due to lack of data.

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified due to lack of data.

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Components:

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

Assessment

: May cause sensitisation by skin contact.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

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:

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

Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 3 mg/l Exposure time: 48 h
M-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic toxicity)	:	1



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12.7 Other adverse effects

Product:

Additional ecological infor- : There is no mation

: There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

The generation of waste should be avoided or minimized wherever possible.
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR	:	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		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.4 Packing group		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
Country NI 10000030980		

14.1 UN number or ID number

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IATA (Cargo)	: Not regulated as a dang	erous good	
IATA (Passenger)	: Not regulated as a dang	0	
14.5 Environmental hazards Not regulated as a dangerous			
14.6 Special precautions for use Not applicable	r		
14.7 Maritime transport in bulk a Not applicable for product as	-	ts	
SECTION 15: Regulatory info 15.1 Safety, health and environr International Chemical Weap Schedules of Toxic Chemical	nental regulations/legislatio	on specific for the su : Not applicable	bstance or mixture
REACH Information:	All substances contained - registered by our upstr - registered by us, and/c - excluded from the regu - exempted from the reg	eam suppliers, and/or or Ilation, and/or	
REACH - Restrictions on the the market and use of certain mixtures and articles (Annex	dangerous substances,	: Conditions of restri lowing entries shou Number on list 3	
		Number on list 75:	
REACH - Candidate List of S Concern for Authorisation (Ar		: None of the compo (=> 0.1 %).	onents are listed
REACH - List of substances s (Annex XIV)	subject to authorisation	: Not applicable	
Regulation (EC) on substance layer	es that deplete the ozone	: Not applicable	
Regulation (EU) 2019/1021 o tants (recast)	n persistent organic pollu-	: Not applicable	
Regulation (EU) No 649/2012	of the European Parlia-	: Not applicable	

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ment and the Council concerning the export and import of dangerous chemicals

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

 Volatile organic compounds
 : Law on the incentive tax for volatile organic compounds (VOCV)

 Volatile organic compounds (VOC) content: <= 3% w/w no VOC duties</td>

 Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 1,85% w/w

Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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.
H312	:	Harmful 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.
H331	:	Toxic if inhaled.
H335	:	May cause respiratory irritation.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
Full text of other abbreviatio	ns	
Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	
Skin Corr.	:	Skin corrosion

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Skin Irrit. Skin Sens. STOT SE ADR	:	Skin irritation Skin sensitisation Specific target organ toxicity - single exposure European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS DNEL EC50	:	Chemical Abstracts Service Derived no-effect level Half maximal effective concentration
GHS IATA	:	Globally Harmonized System International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative

Further information

Classification of the mixture:		Classification procedure:
Skin Sens. 1	H317	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

NL / EN