Carsystem Booth Mask White

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

1.1 Product i	identifier	
Trade na	ame	: Carsystem Booth Mask White
Product	code	: 153.205
1.2 Relevant	identified uses of th	e substance or mixture and uses advised against
Use of th stance/M		: Water-borne coatings
Recomm on use	nended restrictions	: Industrial use, professional use
1.3 Details of	of the supplier of the	e safety data sheet
Compan	у	: JASA AG Müslistrasse 43 8957 Spreitenbach Schweiz
		info@jasa-ag.ch, www.jasa-ag.ch
Telephor Telefax	ne	: +41 (0)44 431 60 70 : +41 (0)44 432 63 17
Respon	sible Department	: Productmanagement, Tel: +41 (0)44 431 60 70, sds@jasa-ag.ch

1.4 Emergency telephone

Telephone	: Tox Info Suisse (STIZ), Tel: 145
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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

Labeling (REGULATION (EC) No 1272/2008)

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

Additional Labeling

EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

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 : Mixture

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
1,2-benzisothiazol-3(2H)-one	2634-33-5	Acute Tox. 4; H302	>= 0,025 - <
	220-120-9	Skin Irrit. 2; H315	0,05
	613-088-00-6	Eye Dam. 1; H318	
	01-2120761540-60	Skin Sens. 1; H317	
		Aquatic Acute 1;	
		H400	
		Aquatic Chronic 2;	
		H411	

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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	[/] EN 1			
			icity (dust/mist): 0,14 mg/l	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice	:	Move out of dangerous area. Take off contaminated clothing and shoes immediately. If you feel unwell, seek medical advice (show the label where possible).
Protection of first-aiders	:	First Aid responders should pay attention to self-protection

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SECTION 5: Firefighting measures

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		and use the	recommended protective clothing
lf ir	haled	: Remove pe medical atte	rson to fresh air. If signs/symptoms continue, get ention.
In c	ase of skin contact		mediately with soap and plenty of water. cian if irritation develops or persists.
In c	ase of eye contact		r flush eye(s) with plenty of water. s persist, call a physician.
lf s'	wallowed	Do NOT ind	h with water and drink afterwards plenty of water. uce vomiting. cian immediately.

4.2 Most important symptoms and effects, both acute and delayed

None known.4.3 Indication of	of any immediate medical attention and special treatment needed
Treatment	: Treat symptomatically.

5.1	Extinguishing media		
	Suitable extinguishing media	:	Carbon dioxide (CO2) Dry powder Water spray jet Alcohol-resistant foam
	Unsuitable extinguishing media	:	High volume water jet
5.2	Special hazards arising from	the	substance or mixture
	Specific hazards during fire fighting	:	Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
5.3	Advice for firefighters		
	Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
	Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
	Further information	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
			In the event of fire and/or explosion do not breathe fumes.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures					
Personal precautions :	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Material can create slippery conditions. Treat recovered material as described in the section "Disposal considerations".				
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.				
6.3 Methods and material for containment and cleaning up					
Methods for cleaning up :	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.				

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	3	
Advice on safe handling	:	Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Wear personal protective equipment.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Avoid contact with skin, eyes and clothing. Take off all con- taminated clothing immediately. Wash contaminated clothing before re-use.
7.2 Conditions for safe storage, i	ncl	uding any incompatibilities
Requirements for storage areas and containers	:	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.
Further information on stor- age conditions	:	Storage must be in accordance with the BetrSichV (Germany).
		Protect from frost, heat and sunlight.

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Storag	e class (TRGS 510)	: 10	
•	c end use(s) ic use(s)	: No data available	e

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis			
Titanium dioxide	13463-67-7	AGW (Inhalable	10 mg/m3	DE TRGS			
		fraction)	(Titanium dioxide)	900			
	Peak-limit cat	Peak-limit category: 2;(II)					
	Further information: When there is compliance with the OEL and biological						
	tolerance valu	tolerance values, there is no risk of harming the unborn child					
	AGW (Alveolate 1,25 mg/m3 DE TRGS						
	fraction) (Titanium dioxide) 900						
	Peak-limit category: 2;(II)						
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child						

8.2 Exposure controls

Personal protective equipme Eye/face protection	ent :	
Hand protection Material	:	Chemical-resistant gloves
Remarks	:	Gloves should be discarded and replaced if there is any indi- cation of degradation or chemical breakthrough. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Skin and body protection	:	Please wear suitable protective clothing, e.g. made of cotton or heat-resistant synthetic fibres. Long sleeved clothing
Respiratory protection	:	Apply technical measures to comply with the occupational exposure limits. No personal respiratory protective equipment normally re- quired.
Protective measures	:	Avoid contact with the skin and the eyes.

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				When using do no	ot eat, drink or smoke.		
	Follow the skin protection plan.						
SE	CTION	9: Physical and che	emic	al properties			
9.1	Informa	ation on basic physica	al an	d chemical prope	erties		
	Physic	al state	:	liquid			
	Color		:	white			
	Odor		:	mild			
	Melting	g point/freezing point	:	No data available	9		
	Boiling	point/boiling range	:	100 °C			
		explosion limit / Upper ability limit	:	No data available			
		explosion limit / Lower ability limit	:	No data available	9		
	Flash p	point	:	>= 200 °C			
	Autoig	nition temperature	:	No data available	9		
	рН		:	5 - 8 (20 °C) Concentration: 1	00 %		
	Viscos Viso	ity cosity, dynamic	:	1.000 - 1.200 mF	Pa.s (20 °C)		
	Vise	cosity, kinematic	:	No data available	9		
	Solubil Wa	ity(ies) ter solubility	:	emulsifiable			
	Partitic octano	on coefficient: n- I/water	:	No data available			
	Vapor	pressure	:	No data available	9		
	Density	у	:	1,08 g/cm3 (20 °	C)		

9.2 Other information

No data available

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SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if used as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Materials to avoid

: None known. Strong 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:

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

Acute oral toxicity :	LD50 Oral (Rat): 490 mg/kg Method: OECD Test Guideline 401
Acute dermal toxicity :	LD50 Dermal (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402
Zinc pyridinethione:	
Acute oral toxicity :	Acute toxicity estimate: 221 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
Acute inhalation toxicity :	Acute toxicity estimate: 0,14 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

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Ν	Skin corrosion/irritation Not classified based on avail Components:	able information.	
	l, 2-benzisothiazol-3(2H)-or Result	ne: : Skin irritation	
	Serious eye damage/eye irı Not classified based on avail		
<u>c</u>	Components:		
	l, 2-benzisothiazol-3(2H)-or Result		ects on the eye
F	Respiratory or skin sensiti	zation	
-	Skin sensitization Not classified based on avail	able information.	
	Respiratory sensitization Not classified based on avail	able information.	
<u>c</u>	Components:		
1	,2-benzisothiazol-3(2H)-or	ne:	
F	Result	: The product is	a skin sensitizer, sub-category 1B.
	Germ cell mutagenicity Not classified based on avail	able information.	
	Carcinogenicity Not classified based on avail	able information.	
	Reproductive toxicity Not classified based on avail	able information.	
	STOT-single exposure Not classified based on avail	able information.	
	STOT-repeated exposure Not classified based on avail	able information.	
	Aspiration toxicity Not classified based on avail	able information.	
11.2 I	nformation on other hazar	ds	
E	Endocrine disrupting prop	erties	
<u>F</u>	Product: Assessment	: The substance	e/mixture does not contain components consid- ndocrine disrupting properties according to

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				(f) or Commission Delegated regulation r Commission Regulation (EU) 2018/605 at higher.
SECTI 12.1 To	ON 12: Ecological infor	ma	tion	
	mponents:			
	2-benzisothiazol-3(2H)-on	e:		
	xicity to fish	:	LC50 (Oncorhync Exposure time: 96 Method: OECD Te	
	xicity to daphnia and other uatic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	xicity to algae/aquatic ints	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD Te	
			NOEC (Pseudokir 0,0403 mg/l Exposure time: 72 Method: OECD Te	
M- icit	Factor (Acute aquatic tox- y)	:	1	
Ec	otoxicology Assessment			
	ronic aquatic toxicity	:	Toxic to aquatic lit	fe with long lasting effects.
Zir	nc pyridinethione:			
	xicity to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): 0,0026 mg/l S h
	xicity to daphnia and other uatic invertebrates	:	EC50 (Daphnia): Exposure time: 48	
M- icit	Factor (Acute aquatic tox- y)	:	1.000	
To icit	xicity to fish (Chronic tox- y)	:	NOEC: 0,0012 mg Exposure time: 28 Species: Pimepha Method: OECD Te	d ales promelas (fathead minnow)

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Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)	:	NOEC: 0,0027 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)	
M-Factor (Chronic aquatic toxicity)	:	10	
12.2 Persistence and degradabil	ity		
Components:			
1,2-benzisothiazol-3(2H)-on Biodegradability	e: :	Result: Not readil	y biodegradable.
Zinc pyridinethione: Biodegradability	:	Biodegradation: 3 Exposure time: 28	
12.3 Bioaccumulative potential			
Components:			
1,2-benzisothiazol-3(2H)-one Bioaccumulation	e: :	Bioconcentration	factor (BCF): 6,62
Partition coefficient: n- octanol/water	:	log Pow: 0,7 (20 °	°C)
Zinc pyridinethione:			
Bioaccumulation	:	Bioconcentration	factor (BCF): 11
Partition coefficient: n- octanol/water	:	log Pow: 0,9 (25 ° Method: OECD T	°C) est Guideline 107
12.4 Mobility in soil			
No data available			
12.5 Results of PBT and vPvB as	sse	ssment	
Product: Assessment	:	to be either persis	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
12.6 Endocrine disrupting prope	rtie	S	
Product:			
Assessment	:		ixture does not contain components consid- ocrine disrupting properties according to

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			le 57(f) or Commission Delegated regulation 00 or Commission Regulation (EU) 2018/605 at 6 or higher.
12.7 Othe	r adverse effects		
<u>Prod</u>	uct:		
Addit matic	ional ecological infor- n	: No data avai	able
	N 13: Disposal consi te treatment methods	iderations	
Produ	uct	Do not empty tainer at haz Dispose of in	se of with domestic refuse. v into drains, dispose of this material and its con- ardous or special waste collection point. accordance with local regulations. ensed waste management company.
Conta	aminated packaging	dling site for Packaging th the unused p	ners should be taken to an approved waste han- recycling or disposal. at is not properly emptied must be disposed of as roduct. accordance with local regulations.

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
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADN	:	Not regulated as a dangerous good

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	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	
14.	5 Enviro	onmental hazards				
	Not regulated as a dangerous good					

14.6 Special precautions for user

Not applicable

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 75Zinc pyridinethione (Number on list 30)
		If you intend to use this product as tattoo ink, please contact your ven- dor.
REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable

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Not applicable

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

Water hazard class (Germany) : WGK 3 highly water endangering Classification according to AwSV, Annex 1 (5.2)

Other regulations:

The treated article incorporates biocidal products Preservation agents

15.2 Chemical Safety Assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

SECTION 16: Other information

Full text of H-Statements

H301	:	Toxic if swallowed.
H302	:	Harmful if swallowed.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H330	:	Fatal if inhaled.
H360D	:	May damage the unborn child.
H372	:	Causes damage to organs through prolonged or repeated exposure.
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 abbreviation	าร	
Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Repr.	:	Reproductive toxicity
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitization
STOT RE	:	Specific target organ toxicity - repeated exposure
DE TRGS 900	:	Germany. TRGS 900 - Occupational exposure limit values.
DE TRGS 900 / AGW	:	Time Weighted Average

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; Regula-

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tion (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 Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 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 - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

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.

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