

Innenraum-Weiß

Version	Revision Date:	SDS Number:	Date of last issue: 15.05.2024
1.3	29.10.2024	6025361	Date of first issue: 02.07.2021

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

1.1	Product identifier Trade name	:	Innenraum-Weiß
1.2	Relevant identified uses of th	e s	ubstance 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 s	saf	ety data sheet
	Company	:	Alpina Farben GmbH Roßdörfer Straße 50 64372 OBER RAMSTADT
	Telephone	:	+498001238887
	Telefax	:	+4961547170632
	Website E-mail address Responsi- ble/issuing person	:	www.alpina-farben.de msds@dr-rmi.com

1.4 Emergency telephone

Emergency telephone 1 : +49613284463 GBK GmbH

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

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





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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.

Keep out of reach of children.

Wear safety goggles.

During spray application: Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water.

Only completely emptied containers should be given for recycling.

Dispose of liquid material residues at the collection point for old paints/varnishes, dispose of dried material residues as construction and demolition waste or as municipal waste or household waste.

If the base paint or a wall paint is toned using a pigment paste or toning paste that does not conform to the requirements of the Blue Angel, the toned paint no longer complies with the criteria for the Blue Angel

For further technical information and advice for allergy sufferers, call +49 (0) 800/1238887.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Emulsion paint, aqueous

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
titanium dioxide; [in powder form containing 1 % or more of parti- cles with aerodynamic diameter ≤ 10 µm]	13463-67-7 236-675-5 022-006-00-2 01-2119489379-17	Carc. 2; H351	>= 1 - < 10

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	:	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.		
In case of eye contact	:	If eye irritation persists: Get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
If swallowed	:	Seek medical advice. 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 water spray, alcohol-resistant foam, dry chemical or car- bon dioxide. Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Do not use a solid water stream as it may scatter and spread fire.		
Unsuitable extinguishing media	:	None known.		

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting	:	In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocar- bons (smoke).
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5.3 Advice for firefighters

Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary.
Further information	:	Standard procedure for chemical fires. The product itself does not burn.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures				
Personal precautions :	Use protective shoes or boots with rough rubber sole. Material can create slippery conditions. Do not get in eyes, on skin, or on clothing.			
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 containment 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	
Advice on safe handling	 For personal protection see section 8. No special technical protective measures required.
	Please follow the technical information.
Hygiene measures	Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product. Remove contaminat- ed clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage	:	Perishable if frozen. To maintain product quality, do not store
areas and containers		in heat or direct sunlight. Store at room temperature in the



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		5		. Containers which are opened must be care- d kept upright to prevent leakage.
Adv	vice on common storage	: Keep mate		oxidizing agents and strongly acid or alkaline
Sto	rage class (TRGS 510)	: 12		
•	cific end use(s) ecific use(s)	: This i	nformation i	s not available.

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; [in	13463-67-7	MAK (measured	0,3 mg/m3	DE DFG MAK			
powder form con-		as the alveolate					
taining 1 % or		fraction)					
more of particles		,					
with aerodynamic							
diameter ≤ 10 µm]							
· · ·	Peak-limit cat	egory: 8; II					
	Further inform	ation: Substances the	nat cause cancer in humans	s or animals or			
	that are consid	dered to be carcinog	enic for humans and for wh	ich a MAK value			
	can be derive	can be derived., Damage to the embryo or foetus is unlikely when the MAK					
	value or the BAT value is observed						
		AGW (Inhalable	10 mg/m3	DE TRGS			
		fraction)	(Titanium dioxide)	900			
	Peak-limit category: 2;(II)						
	Further information: When there is compliance with the OEL and biological						
			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 valu	ies, there is no risk o	of harming the unborn child				
		BM (Alveolar	0,5 mg/m3	DE TRGS			
		dust fraction)	_	527			

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of expo-	Potential health ef-	Value
		sure	fects	
titanium dioxide; [in powder form contain- ing 1 % or more of particles with aerody-	Consumers	Ingestion	Long-term systemic effects	700,00 mg/kg bw/day

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by

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



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nami µm]	ic diameter ≤ 10				
		Workers	Inhalation	Long-term local ef- fects	10,00 mg/m3

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
titanium dioxide; [in powder form containing 1 % or more of parti- cles with aerodynamic diameter ≤ 10 µm]	Sewage treatment plant	100 mg/l
	Fresh water	0,184 mg/l
	Soil	100 mg/kg dry weight (d.w.)
	Sea water	0,0184 mg/l
	Fresh water sediment	1000 mg/kg dry weight (d.w.)
	Sea sediment	100 mg/kg dry weight (d.w.)
	Intermittent use/release	0,193 mg/l

8.2 Exposure controls

Personal protective equipment				
Eye/face protection :	not required Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded.			
	DGUV Regulation 112-192 - Use of eye and face protection			
Glove thickness :	Nitrile rubber 0,2 mm Class 3			
Remarks :	Before removing gloves clean them with soap and water. Wear suitable gloves tested to EN374. DGUV Regulation 112-195 - Use of protective gloves			
Skin and body protection :	Safety shoes Long sleeved clothing			
	Choose body protection according to the amount and con- centration of the dangerous substance at the work place.			
	Skin should be washed after contact.			
Respiratory protection :	No personal respiratory protective equipment normally re- quired.			
	When spraying, use face mask with particle filter P2 against			

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			spray dust.	
			DGUV Regulatior	n 112-190 - Use of breathing equipment
SECTION	9: Physical and che	emic	al properties	
).1 Informa	ntion on basic physica	al an	d chemical prop	erties
	al state	:	liquid	
Color		:	white	
Odor		:	characteristic	
Melting	g point/freezing point	:	ca. 0 °C	
Boiling	point/boiling range	:	ca. 100 °C	
	explosion limit / Upper ability limit	:	not determined	
	explosion limit / Lower ability limit	:	not determined	
Flash p	point	:	Not applicable	
Autoig	nition temperature	:	not determined	
Decom	position temperature	:	Not applicable	
рН		:	> 11,4 (20 °C) Concentration: 1 Method: DIN EN	00 % ISO 19396-1:2020-05
Viscos Visc	ity cosity, dynamic	:	> 100 mPa.s (20 Method: ISO 321	°C) 9
Viso	cosity, kinematic	:	not determined	
Flow ti	me	:	not determined	
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	ility(ies) ater solubility	:	completely misci	ble
	ion coefficient: n- ol/water	:	not determined	
Vapo	r pressure	:	ca. 23,4 hPa (20	°C)
Densi	ity	:	1,55 g/cm3 (20 ° Method: DIN EN	
Bulk o	density	:	Not applicable	
Relati	ive vapor density	:	not determined	
9.2 Other	information			
Explo	sives	:	Not applicable	
Oxidiz	zing properties	:	Not applicable	
Flamr	nability (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.
10.4 Conditions to avoid	
Conditions to avoid	: Protect from frost, heat and sunlight.
10.5 Incompatible materials	
Materials to avoid	: Incompatible with acids and bases.
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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.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks

: Based on OECD test 431 this product is not classified as skin corrosive/skin irritant. Information given is based on tests on products of similar composition.

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.



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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

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

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:

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.

12.7 Other adverse effects

Product:

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



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SECTION 13: Disposal considerations

13.1 Waste treatment methods		
Product :		Dispose of liquid material residues at the collection point for old paints/varnishes, dispose of dried material residues as construction and demolition waste or as municipal waste or household waste.
		Waste should not be disposed of via wastewater.
Contaminated packaging	:	Only completely emptied containers should be given for recy- cling.
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 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
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



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ADR		: Not regulated	as a dangerous good		
RID		: Not regulated	as a dangerous good		
IMDO	6	: Not regulated	as a dangerous good		
ΙΑΤΑ	(Cargo)	: Not regulated	as a dangerous good		
ΙΑΤΑ	(Passenger)	: Not regulated	as a dangerous good		
14.5 Envi	ronmental hazards				
Not regulated as a dangerous good					
14.6 Spec	ial precautions for us	ser			
Rema	arks	: Not classified lations.	as dangerous in the meaning of transport regu-		

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 Substances of Very High Concern for Authorization (Article 59).	: None
Regulation (EC) 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)	: None
Seveso III: Directive 2012/18/EU of the Euro- pean Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	Not applicable
Water hazard class (Germa- : WGK 1 slightly water ny) Classification accordi	endangering ng to AwSV, Annex 1 (5.2)



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		: BSW conte	•	naterials, water-based, low preservative
Volatile	e organic compounds	emis	sions (integra	/EU of 24 November 2010 on industrial ated pollution prevention and control) ompounds (VOC) content: < 0,01 %
Volatile	e organic compounds	: Direc < 0.1 < 1 g	, •	/EC

Other regulations:

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full	text	of	H-Statements
i un	IUAL	U 1	

H351

Suspected of causing cancer if inhaled.

Full text of other abbreviations

Carc. :	Carcinogenicity
DE DFG MAK :	Germany. MAK BAT Annex IIa
DE TRGS 527 :	Germany. TRGS 527 - Activities with nanomaterials
DE TRGS 900 :	Germany. TRGS 900 - Occupational exposure limit values.
DE DFG MAK / MAK :	MAK value
DE TRGS 527 / BM :	Assessment scale
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; 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 - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Covid Avietion organization; IECS - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISC - Lethal Concentration to 50 % of a test population; LDS0 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Covention 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 Loading Rate; NZICC - New Zealand Inventory of Chemicals; OECD - Organization for Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philip

Further information

Other information

No exposure scenario communication is required for this

:



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		Communication REACH Article 3 not meet the crit	ng to REACH Regulation No. 1907/2006 EC. of Uses is not required in accordance with 31(1)(a) - registered substances / mixtures do teria for classification as hazardous in accord- lations 1272/2008 EC or 1999/45/EC.
	es of key data used to e the Material Safety sheet	gienists). 2014 T for chemical sub Exposure Indice 2014 ACGIH, Ci NIOSH - Registr ECDIN - Enviror work - Joint Res Communities SAX'S - Danger GESTIS - Datab Arbeitsschutz de (IFA, Institute fo man Social Acci	an Conference of Government Industrial Hy- TLVs and BEIs. Threshold Limit Values (TLVs) ostances and physical agents and Biological es (BEIs) with Seventh Edition documentation. incinnati OH ry of toxic effects of chemical substances mental Chemicals Data and Information Net- search Centre, Commission of the European ous properties of industrial materials base on hazardous substances - Institut für er Deutschen Gesetzlichen Unfallversicherung r Occupational Safety and Health of the Ger- ident Insurance) logy Data Network

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.

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