

Universal Wandfarbe

Version	Revision Date:	SDS Number:	Date of last issue: 29.10.2024
6.1	11.07.2025	6006542	Date of first issue: 31.10.2019

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

1.1 Product identifier Trade name :	Universal Wandfarbe
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 sa	afety 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.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
Substances with a workplace exposure limit :			
titanium dioxide	13463-67-7		>= 1 - < 10
	236-675-5		
	01-2119489379-17		

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 contai	nment 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.	
Hygiene measures	: Wash hands before eating, drinking, or smoking. Do not drink or smoke when using this product. Remove contam ed clothing and protective equipment before entering eat areas.	ninat-

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	
		original container. Containers which are opened must be care-	
		fully resealed and kept upright to prevent leakage.	



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Advic	e on common storage	: Keep awa materials	ay from oxidizing agents and strongly acid or alkaline
Stora	ge class (TRGS 510)	: 12	
-	f ic end use(s) ific use(s)	: This infor	mation is 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	13463-67-7	MAK (measured as the alveolate fraction)	0,3 mg/m3	DE DFG MAK				
	Peak-limit cat	egory: 8; II						
	that are consi can be derive	er information: Substances that cause cancer in humans or animals or are considered to be carcinogenic for humans and for which a MAK value be derived., Damage to the embryo or foetus is unlikely when the MAK or the BAT value is observed						
		AGW (Inhalable fraction)	10 mg/m3 (Titanium dioxide)	DE TRGS 900				
	Peak-limit category: 2;(II)							
		Further information: When there is compliance with the OEL and biological						
	tolerance valu	ies, there is no risk c	of harming the unborn child					
		AGW (Alveolate fraction)	1,25 mg/m3 (Titanium dioxide)	DE TRGS 900				
	Peak-limit cat	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						
		BM (Alveolar dust fraction)	0,5 mg/m3	DE TRGS 527				

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

Substance name	End Use	Routes of expo- sure	Potential health ef- fects	Value
		Sule	16013	
titanium dioxide	Consumers	Ingestion	Long-term systemic effects	700,00 mg/kg bw/day
	Workers	Inhalation	Long-term local ef-	10,00 mg/m3
			fects	_

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

Substance name	Environmental Compartment	Value
titanium dioxide	Sewage treatment plant	100 mg/l
	Fresh water	0,184 mg/l

SAFETY DATA SHEET

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



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			Soil		100 mg/kg dry weight (d.w.)
			Sea water		0,0184 mg/l
			Fresh water s	sediment	1000 mg/kg dry weight (d.w.)
			Sea sediment	t	100 mg/kg dry weight (d.w.)
			Intermittent us	se/release	0,193 mg/l
-	ure controls	mont			
	ace protection	:		ye protection when the ∣ h the product cannot be	potential for inadvertent excluded.
			DGUV Regulat	ion 112-192 - Use of ey	e and face protection
Ma Gle	protection aterial ove thickness otective index	:	Nitrile rubber 0,2 mm Class 3		
Re	emarks	:	Wear suitable g	ng gloves clean them wi gloves tested to EN374 ion 112-195 - Use of pr	
Skin a	and body protection	:	Safety shoes Long sleeved c	lothing	
				protection according to t e dangerous substance	
			Skin should be	washed after contact.	
Respi	iratory protection	:	No personal reaquired.	spiratory protective equ	ipment normally re-
			When spraying spray dust.	, use face mask with pa	article filter P2 against

DGUV Regulation 112-190 - Use of breathing equipment

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid

Color



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	Odor		:	characteristic	
	Melting	point/freezing point	:	ca. 0 °C	
	Boiling p	point/boiling range	:	ca. 100 °C	
		xplosion limit / Upper pility limit	:	not determined	
		xplosion limit / Lower pility limit	:	not determined	
	Flash po	pint	:	Not applicable	
	Autoigni	ition temperature	:	not determined	
	Decomp	position temperature	:	Not applicable	
	рН		:	> 11,4 (20 °C) Concentration: 1 Method: DIN EN	00 % ISO 19396-1:2020-05
	Viscosit Visco	y osity, dynamic	:	> 100 mPa.s (20 Method: ISO 321	
	Visco	osity, kinematic	:	not determined	
	Flow tim	ne	:	not determined	
	Solubilit Wate	y(ies) er solubility	:	completely misci	ble
	Partitior octanol/	n coefficient: n- water	:	not determined	
	Vapor p	ressure	:	ca. 23,4 hPa (20	°C)



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Densi	ty	: 1,55 g/cm3 Method: DIN	(20 °C) I EN ISO 2811-1
Bulk c	density	: Not applicat	ble
Relati	ve vapor density	: not determir	ned
9.2 Other	information		
Explo	sives	: Not applicat	ble
Oxidiz	zing properties	: Not applicat	ble
Flamn	nability (liquids)	: The product	is not flammable.

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 acids and bases. Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.



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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 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.

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



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(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 conta ered to have endocrine disrupting pro REACH Article 57(f) or Commission E (EU) 2017/2100 or Commission Regu levels of 0.1% or higher.	operties according to Delegated regulation
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12.7 Other adverse effects

Product:

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

: Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.

Washing water must not be discharged into the sewage system or the environment.



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Conta	aminated packaging	: Only complete	ly emptied containers should be given for recy-
Waste	e Code	: used product 080112, waste in 08 01 11*	paint and varnish other than those mentioned

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	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	B 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
	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



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14.5 Environmental hazards

Remarks

Not regulated as a dangerous good

14.6 Special precautions for user

:

Not classified as dangerous in the meaning of transport regulations.

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 of the market and use of certain dangerous substance mixtures and articles (Annex XVII)				
REACH - Candidate List of Substances of Very Higl Concern for Authorization (Article 59) (SVHC).	n : None			
Regulation (EU) No 2024/590 on substances that de plete the ozone layer	e- : Not applicable			
Regulation (EU) 2019/1021 on persistent organic po tants (recast)	ollu- : 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.				
Water hazard class (Germa- : WGK 1 slightly w ny) Classification acc	ater endangering cording to AwSV, Annex 1 (5.2)			
. : Coating materials	, water-based, low preservative content			
livestock rearing and control)	5/EU of 24 November 2010 on industrial and emissions (integrated pollution prevention ompounds (VOC) content: < 0,01 %			

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Volatile	e organic compounds	: Directive 2004/42 < 0.1 % < 1 g/l	2/EC

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15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full text of H-Statements

Full text of other abbreviations

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; AllC - 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 - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCX - Concentration associated with x% growth rate response; CMS - 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; ICS0 - Half maximal inhibitory concentration; ICAO - International Coil 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 of 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 Locealing Rate; NZICC - New Zealand Inventory of Chemicals; CECD - Organization; FLCOS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structu

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 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 Material Safety Data Sheet	:	ECHA WebSite ACGIH (American Conference of Government Industrial Hy- gienists). 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 Net-



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		Communities SAX'S - Dange GESTIS - Data Arbeitsschutz (IFA, Institute f man Social Ac	esearch Centre, Commission of the European erous properties of industrial materials abase on hazardous substances - Institut für der Deutschen Gesetzlichen Unfallversicherung for Occupational Safety and Health of the Ger- cident Insurance) ology 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.

DE / EN