

Universal Wandfarbe

Version	Revision Date:	SDS Number:	Date of last issue: 03.04.2023
6.0	29.10.2024	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	fety 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	C Containers which are opened must be care- d kept upright to prevent leakage.
Advic	e on common storage	:	Keep away from materials.	oxidizing agents and strongly acid or alkaline
Stora	ge class (TRGS 510)	:	12	
•	ic end use(s) fic use(s)	:	This information 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	nation: Substances the	nat cause cancer in humans	or animals or	
	that are consid	dered to be carcinog	enic for humans and for wh	ich a MAK value	
	can be derive	d., Damage to the er	mbryo or foetus is unlikely w	hen the MAK	
	value or the B	AT value is observe	d		
		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				
	tolerance valu	ies, there is no risk c	of harming the unborn child	-	
		AGW (Alveolate	1,25 mg/m3	DE TRGS	
		fraction)	(Titanium dioxide)	900	
	Peak-limit category: 2;(II)				
	Further inform	nation: When there is	compliance with the OEL a	nd 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

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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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Viscosity

Flow time

Viscosity, dynamic

Viscosity, kinematic

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			spray dust.	
			DGUV Regulatior	112-190 - Use of breathing equipment
SECTIO	N 9: Physical and che	emic	al properties	
9.1 Inforr	nation on basic physica	al an	d chemical prop	erties
Phys	sical state	:	liquid	
Colo	r	:	white	
Odor	r	:	characteristic	
Melti	ng point/freezing point	:	ca. 0 °C	
Boilir	ng point/boiling range	:	ca. 100 °C	
Uppe flamr	er explosion limit / Upper mability limit	:	not determined	
	er explosion limit / Lower mability limit	:	not determined	
Flash	n point	:	Not applicable	
Auto	ignition temperature	:	not determined	
Deco	omposition temperature	:	Not applicable	
рН		:	> 11,4 (20 °C)	00 %

Concentration: 100 %

: > 100 mPa.s (20 °C) Method: ISO 3219

Method: DIN EN ISO 19396-1:2020-05



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Sc	lubility(ies) Water solubility	:	completely misc	ible
	rtition coefficient: n- tanol/water	:	not determined	
Va	por pressure	:	ca. 23,4 hPa (20) °C)
De	ensity	:	1,55 g/cm3 (20 ° Method: DIN EN	
Βι	Ik density	:	Not applicable	
Re	elative vapor density	:	not determined	
	er information plosives	:	Not applicable	
O>	kidizing properties	:	Not applicable	
Fla	ammability (liquids)	:	The product is n	ot flammable.

SECTION 10: Stability and	l reactivity
10.1 Reactivity	
No decomposition if store	d and applied as directed.
10.2 Chemical stability	
No decomposition if store	d and applied as directed.
10.3 Possibility of hazardous	s 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

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
IMDG		:	Not regulated as	a dangerous good
ΙΑΤΑ	(Cargo)	:	Not regulated as	a dangerous good
IATA	(Passenger)	:	Not regulated as	a dangerous good
14.5 Environmental hazards				
Not regulated as a dangerous good				
14.6 Special precautions for user				
Rema	rks	:	Not classified as lations.	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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		: BSW10 Coati content	ng materials, water-based, low preservative	
Volatile organic compounds		emissions (int	0/75/EU of 24 November 2010 on industrial egrated pollution prevention and control) ic compounds (VOC) content: < 0,01 %	
Volatile organic compounds		: Directive 2004/42/EC < 0.1 % < 1 g/l		

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

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 - 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 Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Civil Aviation Organization; ISC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISC - Intertory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Civil Aviation 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; NZICe - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Loading Rate; NZICe - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Of fice of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic Substance; PICCS - Philippines Inven

Further information

Other information

No exposure scenario communication is required for this

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



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		Communication REACH Article not meet the cri	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.
Sources of key data used to compile the Material Safety Data Sheet		gienists). 2014 for chemical sul Exposure Indice 2014 ACGIH, C NIOSH - Regist ECDIN - Enviro work - Joint Res Communities SAX'S - Danger GESTIS - Datal Arbeitsschutz d (IFA, Institute for man Social Acc	an Conference of Government Industrial Hy- TLVs and BEIs. Threshold Limit Values (TLVs) bstances and physical agents and Biological es (BEIs) with Seventh Edition documentation.

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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