

Version	Revision Date:	SDS Number:	Date of last issue: 15.03.2023
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SECTION	N 1: Identification of	the substance/r	nixture and of the company/undertaking
1.1 Produ	ct identifier		
Trade	e name	: AP PF Nussl	braun
1.2 Releva	ant identified uses of t	the substance or	mixture and uses advised against
	of the Sub- e/Mixture	: Water-borne	coatings
Reco on us	mmended restrictions e	: within adequ	ate application - none
1.3 Details	s of the supplier of the	e safety data shee	t
Comp	bany	: Alpina Farbe Roßdörfer St 64372 OBEI	
Telep Telefa		: +498001238 : +496154717	887
	site il address Responsi- suing person	: www.alpina-f : msds@dr-rm	
1.4 Emerg	gency telephone		
Emer	gency telephone 1	: +496132844	63 GBK GmbH
SECTION	N 2: Hazards identifi	cation	
	ification of the substa	noo or mixturo	
	sification (REGULATIO		008)
	hazardous substance of	. ,	,
2.2 Label	elements		
	ling (REGULATION (E	• •	
Not a	hazardous substance of	or mixture.	
Preca	autionary Statements	P101 If med label at hand.	lical advice is needed, have product container o





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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.

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		
titanium dioxide; [in powder form	13463-67-7	Carc. 2; H351	>= 0,1 - < 1
containing 1 % or more of parti-	236-675-5		
cles with aerodynamic diameter \leq	022-006-00-2		
10 µm]	01-2119489379-17		
Substances with a workplace expos	sure limit :		
Kieselguhr, soda ash flux-calcined	68855-54-9		>= 1 - < 10
	272-489-0		
	21-2119488518-22		
Talc (Mg3H2(SiO3)4)	14807-96-6		>= 1 - < 10
	238-877-9		
	01-2120140278-58		

For explanation of abbreviations see section 16.

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.



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lf inha	led	:	Move to fresh air.		
In case of skin contact		:	201101 000 0000	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 Indicat	ion of any immediate	me	dical attention and	d special treatment needed	
Treatr	nent	:	No information av	vailable.	

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	e 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).
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.





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		The product its	self does not burn.		
SECTION	I 6: Accidental rele	ase measures			
6.1 Perso	nal precautions, prot	ective equipment an	d emergency procedures		
Perso	nal precautions	Material can cr	 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 Enviro	nmental precautions	;			
Enviro	onmental precautions	If the product on respective auther	r leakage or spillage if safe to do so. contaminates rivers and lakes or drains inform norities. to surface water or sanitary sewer system.		
6.3 Metho	ds and material for c	ontainment and clea	aning up		
Metho	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 Refere	ence to other section	S			
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 areas and containers	:	Perishable if frozen. To maintain product quality, do not store 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.
Advice on common storage	:	Keep away from oxidizing agents and strongly acid or alkaline



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		materials.	
Stora	ge class (TRGS 510)	: 12	
-	fic end use(s) ific use(s)	: This informat	tion 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	
Kieselguhr, soda ash flux-calcined	68855-54-9	AGW (Alveolate fraction)	0,3 mg/m3	DE TRGS 900	
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				
Talc (Mg3H2(SiO3)4)	14807-96-6	AGW (Inhalable fraction)	10 mg/m3	DE TRGS 900	
	Peak-limit cat	egory: 2;(II)		•	
			compliance with the OEL a of harming the unborn child	nd biological	
		AGW (Alveolate fraction)	1,25 mg/m3	DE TRGS 900	
	Peak-limit cat	egory: 2;(II)		•	
			compliance with the OEL a	nd biological	
	tolerance valu		f harming the unborn child	-	
		BM (Alveolar dust fraction)	0,5 mg/m3	DE TRGS 527	
titanium dioxide; [in powder form con- taining 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	13463-67-7	AGW (Inhalable fraction)	10 mg/m3 (Titanium dioxide)	DE TRGS 900	
	Peak-limit cat	egory: 2;(II)		•	
			compliance with the OEL a of harming the unborn child	nd biological	
		AGW (Alveolate fraction)	1,25 mg/m3 (Titanium dioxide)	DE TRGS 900	
	Peak-limit cat	egory: 2;(II)	· · · ·	·	
	Further inform	nation: When there is	compliance with the OEL a of harming the unborn child	nd biological	
		BM (Alveolar dust fraction)	0,5 mg/m3	DE TRGS 527	



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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
Kieselguhr, soda ash flux-calcined	Consumers	Ingestion	Long-term systemic effects	18,70 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	0,05 mg/m3
	Workers	Inhalation	Long-term systemic effects	0,05 mg/m3
titanium dioxide; [in powder form contain- ing 1 % or more of particles with aerody- namic diameter ≤ 10 µm]	Consumers	Ingestion	Long-term systemic effects	700,00 mg/kg bw/day
	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
Kieselguhr, soda ash flux- calcined	Sewage treatment plant	100 mg/l
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	: Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded. not required
	DGUV Regulation 112-192 - Use of eye and face protection
	Goggles
Hand protection Material Glove thickness	Nitrile rubber0,2 mm



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Prot	ective index	:	Class 3	
Ren	narks	:	Wear suitable glov	gloves clean them with soap and water. ves tested to EN374. 112-195 - Use of protective gloves
Skin an	d body protection	:	Safety shoes Long sleeved clot	hing
				ection according to the amount and con- angerous substance at the work place.
			Skin should be wa	ashed after contact.
Respira	atory protection	:	No personal respi quired.	ratory protective equipment normally re-
			DGUV Regulation	112-190 - Use of breathing equipment
			When spraying, us spray dust.	se face mask with particle filter P2 against

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Color	:	brown
Odor	:	characteristic
Melting point/freezing point	:	ca. 0 °C
Boiling point/boiling range	:	ca. 100 °C
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	Not applicable
Autoignition temperature	:	not determined
Decomposition temperature	:	Not applicable



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	рН		:	11,0 - 11,4 (20 ° Method: DIN EN	C) ISO 19396-1:2020-05
	Viscos Vise	ity cosity, dynamic	:	1 - 1.000 mPa.s Method: ISO 32′	
	Vise	cosity, kinematic	:	not determined	
	Flow ti	me	:	not determined	
		ity(ies) ter solubility	:	completely misc	ble
		on coefficient: n- I/water	:	not determined	
	Vapor	pressure	:	ca. 23,4 hPa (20	°C)
	Densit	у	:	1,46 g/cm3 (20 ° Method: DIN EN	
	Bulk de	ensity	:	Not applicable	
	Relativ	e vapor density	:	not determined	
9.2 0	Other in	nformation			
	Explos	ives	:	Not applicable	
	Oxidizi	ng properties	:	Not applicable	
	Flamm	ability (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.
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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.

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

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.



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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

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.



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12.7 Other adverse effects

	Ρ	rc	d	u	С	t	:	
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Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	
		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



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RID		: Not regulated as	s a dangerous good
IMDG	ì	: Not regulated as	s a dangerous good
ΙΑΤΑ		: Not regulated as	s a dangerous good
14.4 Pack	ing group		
ADN		: Not regulated as	s a dangerous good
ADR		: Not regulated as	s a dangerous good
RID		: Not regulated as	s a dangerous good
IMDG	ì	: Not regulated as	s a dangerous good
ΙΑΤΑ	(Cargo)	: Not regulated as	s a dangerous good
ΙΑΤΑ	(Passenger)	: Not regulated as	s a dangerous good
	conmental hazards egulated as a dangero	us good	
14.6 Spec	ial precautions for u	ser	
Rema	arks	: Not classified as lations.	dangerous in the meaning of transport regu-
Not a	pplicable for product a		struments
15.1 Safet ture REAC the m	CH - Restrictions on th	nmental regulations/le e manufacture, placing in dangerous substance	egislation specific for the substance or mix- on : Not applicable es,
REAC		Substances of Very Hig	the second se
	lation (EC) No 1005/2 the ozone layer	009 on substances that	de- : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu- : Not applicable tants (recast)



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(Anne Seves pean contro	H - List of substances s x XIV) o III: Directive 2012/18 Parliament and of the C ol of major-accident haz prous substances.	EU of the	Euro- the	: None Not applicable
Water ny)	hazard class (Germa-			ater endangering ording to AwSV, Annex 1 (5.2)
		: BSW cont	•	naterials, water-based, low preservative
Volati	le organic compounds	: Dire < 0. < 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	;
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H351	:	Suspected of causing cancer if inhaled.
Full text of other abbreviatio	ns	
Carc.	:	Carcinogenicity
DE TRGS 527	:	Germany. TRGS 527 - Activities with nanomaterials
DE TRGS 900	:	Germany. TRGS 900 - Occupational exposure limit values.
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 Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Maritime Organization; IBCC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Covintian for the Prevention 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 Loading Rate; NZIGC - New Zealand Inventory of Chemicals; OECD - Organization for Conopertation and Development; OPPTS - Of-





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fice 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 Chemicals 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

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 Hygienists). 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 Network - Joint Research Centre, Commission of the European Communities

SAX'S - Dangerous properties of industrial materials

GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology 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



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