according to Regulation (EC) No. 1907/2006



# **Art Nobile**

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

1.1 Product identifier

Trade name : Art Nobile

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- : Water-borne coatings

stance/Mixture

Recommended restrictions : within adequate application - none

1.3 Details of the supplier of the safety data sheet

on use

Company : Alligator Farbwerke GmbH

Markstraße 203 32130 Enger

Telephone : +4952249300 Telefax : +4952247881

E-mail address Responsi-

ble/issuing person

: produktsicherheit@alligator.de

1.4 Emergency telephone number

Emergency telephone num: +49613284463 GBK GmbH

ber 1

#### **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)

Not a hazardous substance or mixture.

Precautionary statements : P101 If medical advice is needed, have product container or

label at hand.

P102 Keep out of reach of children.

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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.

Due to its potassium silicate content, the reaction of silicate based coatings is highly alkaline. Hence protect skin and eyes from paint.

# **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Chemical nature : Silicate plaster based on potassium silicate solution, aqueous

### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Silicic acid, potassium salt	1312-76-1 215-199-1 01-2119456888-17	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	>= 1 - < 10
Substances with a workplace expo	sure limit :		
Limestone	1317-65-3 215-279-6		>= 70 - < 90
Cellulose	9004-34-6 232-674-9		>= 1 - < 10

For explanation of abbreviations see section 16.

### **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

General advice : First aider needs to protect himself.

Move out of dangerous area.

If you feel unwell, seek medical advice (show the label where

possible).

Never give anything by mouth to an unconscious person.

If inhaled : Move to fresh air.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty

of water.

Do NOT use solvents or thinners.

Take off all contaminated clothing immediately.

In case of eye contact : IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue

rinsing.

If eye irritation persists: Get medical advice/ attention.

If swallowed, DO NOT induce vomiting.

Clean mouth with water and drink afterwards plenty of water.

Seek medical advice.

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### 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 extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Use water spray, alcohol-resistant foam, dry chemical or car-

bon dioxide.

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).

### 5.3 Advice for firefighters

Special protective equipment :

for firefighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

Further information : The product itself does not burn.

Standard procedure for chemical fires.

Use water spray to cool unopened containers.

### **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Do not get in eyes, on skin, or on clothing.

Material can create slippery conditions.

Use protective shoes or boots with rough rubber sole.

#### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Prevent further leakage or spillage if safe to do so.

# 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

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#### 6.4 Reference to other sections

For disposal considerations see section 13.,For personal protection see section 8.,For further information see Section 7 of the safety data sheet.

# **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling : No special technical protective measures required.

For personal protection see section 8.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash

hands before eating, drinking, or smoking.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container. To maintain product quality, do not

store in heat or direct sunlight. Perishable if frozen.

Advice on common storage : Keep away from oxidizing agents and strongly acid or alkaline

materials.

7.3 Specific end use(s)

Specific use(s) : Please follow the technical information.

# **SECTION 8: Exposure controls/personal protection**

# 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Limestone	1317-65-3	TWA (inhalable dust)	10 mg/m3	GB EH40
Further information	fractions of air in accordance sampling and COSHH definition kind when pre 8-hour TWA of This means the above these to posure to the contain particulation of any particulation body response HSE distinguis	borne dust which with the methods degravimetric analysis ition of a substance is sent at a concentrate of inhalable dust or 4 at any dust will be sevels. Some dusts here must comply with es of a wide range of ar particle after entry to the that it elicits, dependent of the contract of	espirable dust and inhalable of the collected when sampling escribed in MDHS14/3 Gene of respirable and inhalable of hazardous to health includes ion in air equal to or greater to mg.m-3 8-hour TWA of respubject to COSHH if people at ave been assigned specific Value the appropriate limit., Most infinites. The behaviour, depoy into the human respiratory and on the nature and size of the stapproximates to the fractions.	g is undertaken ral methods for lust, The dust of any than 10 mg.m-3 irable dust. re exposed VELs and exndustrial dusts sition and fate system and the the particle. termed 'inhala-

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	materia availab to the f definition contain should a figure mation For the fraction in acconsampling COSHI kind who shour This material above from the first material from the	al that enters the note of the property of the	Date of the respect o	mouth during brea biratory tract. Respine gas exchange rule al are given in MD ir own assigned Who specific short-te exposure should be collected who escribed in MDHS of respirable and hazardous to healing in air equal to mg.m-3 8-hour Thubject to COSHH ave been assigned	thing and is therefore irable dust approximates egion of the lung. Fuller HS14/3., Where dusts EL, all the relevant limits erm exposure limit is listed, be used  GB EH40  inhalable dust are those en sampling is undertaken 14/3 General methods for inhalable dust, The th includes dust of any or greater than 10 mg.m-3 WA of respirable dust. if people are exposed dispecific WELs and ex-
	contain of any body re HSE di ble' and materia availab to the f definition should a figure	particles of a wide particular particle a esponse that it elici stinguishes two siz d'respirable'., Inha al that enters the no le for deposition in raction that penetra ons and explanator a components that le be complied with., e three times the lo	e range of after entres, dependented fractional lable dustoned fractional lable dustoned fractional lable dustoned fractional lable fractional	of sizes. The behave y into the human rend on the nature a ns for limit-setting at approximates to mouth during breatory tract. Response gas exchange real are given in MD ir own assigned Weno specific short-teexposure should be	
Cellulose	9004-3	4-6 TWA (inha dust)	llable	10 mg/m3	GB EH40
Further inform	fraction in acconsampling COSHI kind who should be should be and above to the following body reactions availabile to the following contains a contain to the following body reactions are also to the following body reactions are also be should be s	is of airborne dust rdance with the ment and gravimetric and gravimetric. It definition of a sultinen present at a control of a sultinen present at a control of a sultinen present at a control of a sultinen present at any dust these levels. Some to these must comparticles of a wide particular particle at esponse that it elicites the stinguishes two sized that enters the notation of the present and explanator and explanator	which wiethods denalysis betance oncentrated will be seed dusts happy with the range conference fraction lable dusts and the respect to the r	ill be collected whe escribed in MDHS of respirable and hazardous to healtion in air equal to mg.m-3 8-hour Thubject to COSHH ave been assigned the appropriate lining sizes. The behave into the human rend on the nature ans for limit-setting at approximates to mouth during breating as exchange real are given in MD	inhalable dust are those en sampling is undertaken 14/3 General methods for inhalable dust, The th includes dust of any or greater than 10 mg.m-3 WA of respirable dust. if people are exposed dispecific WELs and exnit., Most industrial dusts viour, deposition and fate espiratory system and the nd size of the particle. purposes termed 'inhalathe fraction of airborne thing and is therefore irable dust approximates egion of the lung. Fuller HS14/3., Where dusts VEL, all the relevant limits

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	TWA (Respirable   4 mg/m3 dust)	GB EH40	
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used		
	STEL (inhalable 20 mg/m3 dust)	GB EH40	
Further information	For the purposes of these limits, respirable dust and inhalable fractions of airborne dust which will be collected when samplin in accordance with the methods described in MDHS14/3 Gene sampling and gravimetric analysis of respirable and inhalable of COSHH definition of a substance hazardous to health includes kind when present at a concentration in air equal to or greater 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust will be subject to COSHH if people a above these levels. Some dusts have been assigned specific to posure to these must comply with the appropriate limit., Most in contain particles of a wide range of sizes. The behaviour, depend on any particular particle after entry into the human respiratory body response that it elicits, depend on the nature and size of HSE distinguishes two size fractions for limit-setting purposes ble' and 'respirable'., Inhalable dust approximates to the fraction material that enters the nose and mouth during breathing and it available for deposition in the respiratory tract. Respirable dust to the fraction that penetrates to the gas exchange region of the definitions and explanatory material are given in MDHS14/3., Vecontain components that have their own assigned WEL, all the should be complied with.	g is undertaken eral methods for dust, The s dust of any than 10 mg.m-3 pirable dust. In exposed WELs and exndustrial dusts position and fate system and the the particle. Itermed 'inhalation of airborne is therefore than approximates are lung. Fuller Where dusts	

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

Substance name	End Use	Exposure routes	Potential health effects	Value
Silicic acid, potassium salt	Consumers	Inhalation	Long-term systemic effects	1,38 mg/m3
	Consumers	Ingestion	Long-term systemic effects	0,74 mg/kg bw/day
	Consumers	Skin contact	Long-term systemic	0,74 mg/kg

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effects bw/day

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

Substance name	Environmental Compartment Value		
Silicic acid, potassium salt	Marine water	1 mg/l	
	Intermittent use/release	7,5 mg/l	
	Fresh water	7,5 mg/l	
	Sewage treatment plant	348 mg/l	

### 8.2 Exposure controls

# Personal protective equipment

Eye protection : Safety glasses

Hand protection

Material : Nitrile rubber Glove thickness : 0,2 mm Protective index : Class 3

Remarks : Wear suitable gloves tested to EN374. Before removing

gloves clean them with soap and water.

Skin and body protection : Long sleeved clothing

Safety shoes

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Skin should be washed after contact.

Respiratory protection : During spray application: Do not breathe spray dust. Use

A2/P2 combination filter for paint spraying.

# **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : white

Odour : No data available

Odour Threshold : Not relevant

pH : < 11,4

Melting point/freezing point : not determined

Boiling point/boiling range : not determined

Flash point : Not applicable

Evaporation rate : Not applicable

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Flammability (solid, gas) : The product is not flammable.

Upper explosion limit / Upper

flammability limit

not determined

Lower explosion limit / Lower :

flammability limit

not determined

Vapour pressure : not determined

Relative vapour density : not determined

Relative density : not determined

Density : 1,6700 g/cm3

Solubility(ies)

Water solubility : completely miscible

Partition coefficient: n-

octanol/water

not determined

Auto-ignition temperature : not determined

Decomposition temperature : Not applicable

Viscosity

Viscosity, dynamic : No data available

Explosive properties : Not applicable

Oxidizing properties : Not applicable

#### 9.2 Other information

No data available

# **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 oxidizing agents.

Incompatible with acids and bases.

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#### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

# **Acute toxicity**

**Product:** 

Acute oral toxicity : Based on available data, the classification criteria are not met.

Acute inhalation toxicity : Based on available data, the classification criteria are not met.

Acute dermal toxicity : Based on available data, the classification criteria are not met.

Skin corrosion/irritation

**Product:** 

Remarks : According to the classification criteria of the European Union,

the product is not considered as being a skin irritant.

**Components:** 

Limestone:

Remarks : According to the classification criteria of the European Union,

the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

**Product:** 

Remarks : According to the classification criteria of the European Union,

the product is not considered as being an eye irritant.

**Components:** 

Limestone:

Remarks : According to the classification criteria of the European Union,

the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

**Product:** 

Remarks : No data available

**Components:** 

Limestone:

Remarks : No data available

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#### **Further information**

### **Components:**

Limestone:

No data available Remarks

# **SECTION 12: Ecological information**

# 12.1 Toxicity

### **Product:**

Toxicity to fish : No data available

Toxicity to daphnia and other : No data available

aquatic invertebrates

# 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 Other adverse effects

### **Product:**

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** 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.

Waste should not be disposed of via wastewater.

Contaminated packaging Only completely emptied containers should be given for recy-

cling.

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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

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

# 14.6 Special precautions for user

Remarks Not classified as dangerous in the meaning of transport regu-

lations.

see sections 6-8

# 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

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 - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be gener-

ated.

REACH - List of substances subject to authorisation

(Annex XIV)

None

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

preparations and articles (Annex XVII)

Not applicable

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

Not applicable

: Directive 2004/42/EC Volatile organic compounds

< 0.1 %

< 1 q/l

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#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

#### **SECTION 16: Other information**

#### **Full text of H-Statements**

H315 : Causes skin irritation.

H319 : Causes serious eye irritation. H335 : May cause respiratory irritation.

#### Full text of other abbreviations

Eye Irrit. : Eye irritation Skin Irrit. : Skin irritation

STOT SE : Specific target organ toxicity - single exposure GB EH40 : UK. EH40 WEL - Workplace Exposure Limits

GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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; EIx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - 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 Observad (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances;

#### **Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

# **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. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

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