

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	1 / 8

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

1.1 Product identifier

Trade name series 21 - Norma BLUE
finest artists' water-mixable oil-colours

REACH registration No. ---

UFI ---

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

General use
Products for creation of art.

Uses advised against

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Strasse 2
D-40699 Erkrath
Tel +49 (0) 211 - 2509 - 0
Fax +49 (0) 211 - 2509 - 479
info@schmincke.de
www.schmincke.de

Schmincke-lab:
mo-th 8.00-16.30, fr 8.00-13.30
tel. +49 (0) 211-2509-474
sdb@schmincke.de

1.4 Emergency telephone number

Emergencycall Berlin
+49 30-30686700
(24/7 counseling in german and english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling

Signal word ---

Hazard statements
no hazard labelling required

Safety precautions

Text for labelling (CLP)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	2 / 8

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

natural oils
modified oils
pigment
siccative

CAS-Number ---
EINECS / ELINCS / NLP ---
EU index number ---
REACH registration No. ---
Hazchem-Code ---
CI-Number ---

3.2 Mixtures

Additional information

Further information: annex

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

In case of inhalation

No special measures are required.

In case of skin contact

Thoroughly wash skin with soap and water.
Seek medical attention if irritation persists.

After eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
Seek medical attention if irritation persists.

After swallowing

Rinse mouth with water. Let water be drunken in little sips (dilution effect).
If you feel unwell, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons

none

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	3 / 8

5.3 Advice for firefighters

Special protective equipment for firefighters

Additional information

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation. refer to section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Do not allow to penetrate into soil, waterbodies or drains.

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a closed metal container soaked with water or washed out well with warm soapy water before disposal. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

Precautions against fire and explosion

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed.

Hints on joint storage

Storage class

Further details

storage temperature: from 5 °C to 40 °C

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	4 / 8

Protect skin by using skin protective cream.

Eye protection

Avoid contact with eyes.

Body protection

Wash contaminated clothing prior to re-use.

General protection and hygiene measures

No special handling advices are necessary. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	pasty
Colour	pigmented
Odour	weak

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability		---		
Explosion limits	---	---		
Flash point/flash point range	---	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---	---	---
Density and/or relative density		1,2 - 2,4 g/ml	20 °C	---
Relative vapour density	---	---	---	---
Auto-ignition temperature	---	---	---	
Refraction index	---	---	---	

Danger of explosion

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later.

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

frost and heat

10.5 Incompatible materials

10.6 Hazardous decomposition products

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	5 / 8

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicokinetics, metabolism and distribution

Acute toxicity

In case of inhalation

No data available

After swallowing

No data available

In case of skin contact

No data available

After eye contact

No data available

Practical experience

General remarks

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Water Hazard Class

1

WGK catalog number

General information

12.2 Persistence and degradability

Further details

Product is partially biodegradable.

Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	6 / 8

12.6 Endocrine disrupting properties

12.7 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

080112 waste paint and varnish other than those mentioned in 08 01 11

Recommendation

Package

Waste key number

--- ---

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information

SECTION 14: Transport information

14.1 UN number or ID number

14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.

IMDG, IATA ---

14.3 Transport hazard class(es)

ADR, ADN ---

IMDG ---

IATA ---

14.4 Packing group

14.5 Environmental hazards

Marine Pollutant - IMDG ---

Marine Pollutant - ADN ---

14.6 Special precautions for user

Land transport (ADR/RID)

Code: ADR/RID ---

Kemmler-number ---

Hazard label ADR ---

Limited quantities ---

Package: Instructions ---

Package: Special Provisions ---

Special provisions for packing together ---

Portable tanks: Instructions ---

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	7 / 8

Portable tanks: Special Provisions ---
Tank coding ---
Tunnel restriction ---
Remarks ---
EQ ---
Special Provisions ---

Sea transport (IMDG)

EmS ---
Special Provisions ---
Limited quantities ---
Package: Instructions ---
Package: Special Provisions ---
IBC: Instructions ---
IBC: Provisions ---
Tank instructions IMO ---
Tank instructions UN ---
Tank instructions Special Provisions ---
Stowage and segregation ---
Properties and observations ---
Remarks ---
EQ ---

Air transport (IATA-DGR)

Hazard ---
Passenger ---
Passenger LQ ---
Cargo ---
ERG ---
Remarks ---
EQ ---
Special Provisioning ---

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Europe

Contents of VOC [%] ---
Contents of VOC ---
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class ---
Water Hazard Class 1
WGK catalog number ---
Incident regulation ---
Information on working limitations

Further regulations, limitations and legal requirements

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 21 - Norma BLUE

Article No.	series 21	Issue date:	08.12.22
Version	1.0 (08.12.22)	Page	8 / 8

Switzerland

Contents of VOC [%]

< 2,5 %

Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP) ---

Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

Literature

REGULATION (EU) 2020/217 - ATP 14

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Reason of change

Additional information

Appendix for safety data sheet no.: 2100000EN

Art. Nr.	Art. Name	C.I.	
21114	titanium white	PW6	titanium dioxide
21120	mixing white	PW6; PW5; PW7	titanium dioxide; zinc sulphide/barium sulfate; zinc sulphide
21220	burnt ochre light	PW6; PW7; PR101; PY42	titanium dioxide; zinc sulphide; iron oxide; hydrated iron oxide
21226	Naples yellow light	PY53; PBr24	rutil (Ni, Ti, Sb); rutil (Ti, Cr, Sb)
21236	lemon yellow	PY3	monoazo yellow
21237	cadmium yellow hue lemon	PY155; PY184	disazo pigment; bismuth vanadate
21239	cadmium yellow hue light	PY155; PY184	disazo pigment; bismuth vanadate
21241	cadmium yellow hue medium	PY155; PY184; PO67	disazo pigment; bismuth vanadate; pyrazolochinazolone
21243	cadmium yellow hue deep	PY155; PY184; PO67	disazo pigment; bismuth vanadate; pyrazolochinazolone
21248	Indian yellow	PY128; PY110	disazo condensation; isoindulin
21301	cadmium orange hue	PY184; PO67	bismuth vanadate; pyrazolochinazolone
21304	poppy red	PO71	diketo-pyrrolo-pyrrole
21306	vermilion light	PO67; PR255	pyrazolochinazolone; diketo-Pyrrolo-Pyrrole
21309	cadmium red hue light	PY184; PR255	bismuth vanadate; diketo-Pyrrolo-Pyrrole
21311	cadmium red hue medium	PR254; PY216	diketo-Pyrrolo-Pyrrole; rutile (Zn, Sn)
21313	cadmium red hue deep	PY216; PR254; PV19	rutile (Zn, Sn); diketo-Pyrrolo-Pyrrole; quinacridone
21318	madder red	PR207; PR264	quinacridone; diketo-Pyrrolo-Pyrrole
21342	alizarin crimson hue	PR179	perylene
21346	ruby red	PR122	quinacridone
21348	magenta	PR122; PW7	quinacridone; zinc sulphide
21352	violet dark	PV23	dioxazine
21402	ultramarine blue deep	PB29	ultramarine blue
21404	ultramarine blue light	PB29	ultramarine blue
21406	royal blue	PW6; PB29; PW7	titanium dioxide; ultramarine blue; zinc sulphide
21407	cobalt blue hue deep	PV62; PB15:3; PB29; PW7	apatite (Sr); phthalocyanine (Cu); ultramarine blue; zinc sulphide
21416	indigo	PB60; PR101	indanthrone; iron oxide
21418	Prussian blue	PB27	iron-cyan-complex
21420	phthalo blue	PB15:3	phthalocyanine (Cu)
21422	cerulean blue	PW6; PB15:3; PG18; PW7	titanium dioxide; phthalocyanine (Cu); hydrated chromium oxide; zinc sulphide
21424	azure blue	PW6; PB15:3; PW7	titanium dioxide; phthalocyanine (Cu); zinc sulphide
21425	cobalt turquoise hue	PB16; PG18; PW7	phthalocyanine; hydrated chromium oxide; zinc sulphide
21500	phthalo green	PG7	phthalocyanine (Cu, Cl)
21502	chromium oxide green brilliant	PG18	hydrated chromium oxide
21508	permanent green	PY151; PG7	benzimidazolone; phthalocyanine (Cu, Cl)
21510	permanent yellowish-green	PY184; PG36; PY150	bismuth vanadate; phthalocyanine (Cu, Cl, Br); azo-nickel-complex
21512	olive green	PY150; PB60; PY42	azo-nickel-complex; indanthrone; hydrated iron oxide
21514	sap green	PY150; PB60	azo-nickel-complex; indanthrone
21519	nat. green earth	PBr7	earth pigment
21600	nat. light ochre	PY42/PY43	earth pigment
21602	yellow ochre	PY42; PBr24	hydrated iron oxide; rutil (Ti, Cr, Sb)
21610	nat. burnt Sienna	PBr7	earth pigment
21622	nat. umber	PBr7; PY42	earth pigment; hydrated iron oxide
21624	nat. burnt umber	PBr7	earth pigment
21626	Vandyke brown	PR179; PR101; PBk7	perylene; iron oxide; lamp black
21700	neutral black	PR179; PG7	perylene; phthalocyanine (Cu, Cl)
21705	mineral black	PBk28	spinel (Cu, Cr, Fe, Mn)
21706	Payne's grey	PV23; PB29; PBk11; PBk7	dioxazine; ultramarine blue; black iron oxide; lamp black
21802	classic gold	Effektpigment	pearlescent pigment