

SAFETY DATA SHEET

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

series 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	1 / 7

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

1.1 Product identifier

Trade name series 25 - DESIGNERs GOUACHE
Finest Gouache

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-Str. 2
D - 40699 Erkrath
Tel. +49 (0) 211-2509-0
Fax. +49 (0) 211-2509-497
info@schmincke.de
www.schmincke.de

Dept. responsible for information

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

1.4 Emergency telephone number

Emergency
Information
Phone #

Emergencycall Berlin
(24h - counseling in german and english)
+49 (0) 30-30686700

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

2.2 Label elements

Labelling

Signal word

Hazard statements

no hazard labelling required

Safety precautions

Text for labelling (CLP)

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.
Full text of biocides: see section 16.

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

SAFETY DATA SHEET

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

series 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	2 / 7

Chemical characterisation

Water
gum arabic
pigments
additives

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

3.2 Mixtures

Additional information

further information: see appendix

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of inhalation

No special measures are required. Seek medical treatment in case of troubles.

In case of skin contact

Remove residues 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.
In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing

Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing material as appropriate for the surrounding area.

Extinguishing media which must not be used for safety reasons

Full water jet

5.2 Special hazards arising from the substance or mixture

carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Additional information

SECTION 6: Accidental release measures

SAFETY DATA SHEET

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

series 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	3 / 7

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.

Additional information

6.4 Reference to other sections

Disposal: see 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.

Precautions against fire and explosion

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

storage temperature: 10 - 30 °C

Hints on joint storage

Storage class

Further details

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.

Respiratory protection must be worn whenever the WEL levels have been exceeded. Particle filter device (DIN EN 143)

Hand protection

Protect skin by using skin protective cream.

Eye protection

Tightly sealed safety glasses.

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

General protection and hygiene measures

Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	pasty
Colour	pigmented
Odour	almost odourless

min

max

Initial boiling point and
boiling range

SAFETY DATA SHEET

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

series 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	4 / 7

Melting point/freezing point
Flash point/flash point range
Flammability
Ignition temperature
Auto-ignition temperature
Explosion limits
Refraction index
PH value
Viscosity
Viscosity

5,5

6,5

Vapour pressure

Density

1,3 - 2,4
kg/l

20 °C

Partition coefficient: n-octanol/water

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.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

heat and frost

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

SAFETY DATA SHEET

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

series 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	5 / 7

Water Hazard Class 1
WGK catalog number
General information

12.2 Persistence and degradability

Further details
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

12.6 Other adverse effects

General information

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

Contaminated packaging

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

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

14.6 Special precautions for user

Land transport (ADR/RID)

Code
Kemmler-number
Hazard label ADR
Limited quantities

SAFETY DATA SHEET

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series 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	6 / 7

Contaminated packaging: Instructions
Contaminated packaging: Special provisions
Special provisions for packing together
Portable tanks: Instructions
Portable tanks: Special provisions
Tank coding
Tunnel restriction
Remarks
EQ
Special provisions

Sea transport (IMDG)

EmS
Special provisions
Limited quantities
Contaminated packaging: Instructions
Contaminated packaging: 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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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 25 - DESIGNERs GOUACHE

Article No.	25199007	opaque white	Issue date:	21.01.20
Version	3.1	(21.01.20)	Page	7 / 7

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]

0 %

Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

Japan

Further regulations, limitations and legal requirements

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

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

BIT - 1,2-benzisothiazol-3(2H)-one
CIT - 5-chloro-2-methyl-4-isothiazolin-3-one
MIT - 2-methyl-2H-isothiazol-3-one
OIT - 2-octyl-2H-isothiazol-3-one

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Appendix for material safety data sheet no.: 25 000 000
DESIGNERs GOUACHE

art.nr.	art.name	C.I.		CAS-nr.
25198	mixing white	PW5; PW7	Barium sulfate; Zinc sulphide	1345-05-7; 1314-98-3
25199	opaque white	PW6	Titanium dioxide	13463-67-7
25201	Naples yellow light	PW6; PY3; PY74; PY42	Titanium dioxide; Monoazo; Monoazo; Hydrated iron oxide	13463-67-7; 6486-23-3; 6358-31-2; 20344-49-4
25202	lemon yellow	PY3	Monoazo	6486-23-3
25203	cadmium yellow hue lemon	PY3; PY74	Monoazo; Monoazo	6486-23-3; 6358-31-2
25204	cadmium yellow hue light	PY74; PY83	Monoazo; Diaryl	6358-31-2; 5567-15-7
25205	chrome yellow hue	PY74; PY83	Monoazo; Diaryl	6358-31-2; 5567-15-7
25206	Indian yellow	PY83; PO62	Diaryl; Benzimidazolone	5567-15-7; 75601-68-2
25207	cadmium yellow hue deep	PO13; PY83	Diaryl; Diaryl	3520-72-7; 5567-15-7
25208	red orange	PO13	Diaryl	3520-72-7
25311	Naples yellow reddish	PW5; PO36; PR242	Barium sulfate; Benzimidazolone; Disazocondensation	1345-05-7; 12236-62-3; 118440-67-8
25312	vermillion	PR4	Beta-Naphthol	2814-77-9
25313	geranium red	PR4; PR112	Beta-Naphthol; Naphthol AS	2814-77-9; 6535-46-2
25314	scarlet red	PR112	Naphthol AS	6535-46-2
25315	carmine red	PR5; PR112	Naphthol AS; Naphthol AS	6410-41-9; 6535-46-2
25316	madder red	PW5; PR187; PR112	Barium sulfate; Naphthol AS; Naphthol AS	1345-05-7; 59487-23-9; 6535-46-2
* 25318	Bordeaux	PR254; PV19	Diketo-pyrrolo-pyrrol; Quinacridone	122390-98-1; 1047-16-1
* 25325	magenta	PR122; PV19	Quinacridone; Quinacridone	980-26-7; 1047-16-1
* 25436	blue violet	PB29; PV23; Fluoreszierendes Pigment	Sodium aluminum silicate; Dioxazine; Fluorescent pigment	57455-37-5; 6358-30-1; -
* 25438	indigo	PB29; PB27; PB60; PBk10	Sodium aluminum silicate; Iron-cyan-complex; Indanthrone; Crystallized carbon	57455-37-5; 14038-43-8; 25869-98-1; 81-77-6; 7782-42-5
25439	cobalt blue hue deep	PW5; PB29; PG7	Barium sulfate; Sodium aluminum silicate; Phthalocyanine (Cu, Cl)	1345-05-7; 57455-37-5; 1328-53-6
25441	Paris blue	PB15; PB15:1	Phthalocyanine (Cu); Phthalocyanine (Cu)	147-14-8; 147-14-8
25442	ultramarine blue deep	PB29	Sodium aluminum silicate	57455-37-5
25443	ultramarine blue light	PB29	Sodium aluminum silicate	57455-37-5
25444	cobalt blue hue light	PW5; PW7; PB29; PB15:3; PG7	Barium sulfate; Zinc sulphide; Sodium aluminum silicate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	1345-05-7; 1314-98-3; 57455-37-5; 147-14-8; 1328-53-6
25446	sapphire blue	PW6; PB15:3; PB15	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu)	13463-67-7; 147-14-8; 147-14-8
25447	cerulean blue	PW6; PB15:3; PG7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
25449	Oriental blue	PW6; PB15:3; PG7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
25450	light blue	PW5; PB15:3; PG7	Barium sulfate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	1345-05-7; 147-14-8; 1328-53-6
25551	turquoise bluish	PW5; PB15; PG7	Barium sulfate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	1345-05-7; 147-14-8; 1328-53-6
25554	viridian hue	PW5; PY3; PB15:3	Barium sulfate; Monoazo; Phthalocyanine (Cu)	1345-05-7; 6486-23-3; 147-14-8
25557	leaf green	PW5; PY3; PY74; PG7	Barium sulfate; Monoazo; Monoazo; Phthalocyanine (Cu, Cl)	1345-05-7; 6486-23-3; 6358-31-2; 1328-53-6
25558	chromium oxide green	PG17	Hematite (Cr)	1308-38-9

Appendix for material safety data sheet no.: 25 000 000
DESIGNERs GOUACHE

art.nr.	art.name	C.I.	CAS-nr.	
25560	light green	PW5; PY3; PY42; PG50; PG7; PY74	Barium sulfate; Monoazo; Hydrated iron oxide; Spinel (Co, Ni, Zn, Ti); Phthalocyanine (Cu, Cl); Monoazo	1345-05-7; 6486-23-3; 20344-49-4; 68186- 85-6; 1328-53-6; 6358-31-2
25561	fir green	PY153; PB15:3; PY42	Nickel-complex; Phthalocyanine (Cu); Hydrated iron oxide	68859-51-8; 147-14-8; 20344-49-4
25562	olive green	PY3; PG17; PY42	Monoazo; Hematite (Cr); Hydrated iron oxide	6486-23-3; 1308-38-9; 20344-49-4
25563	sap green	PY3; PG7; PY42	Monoazo; Phthalocyanine (Cu, Cl); Hydrated iron oxide	6486-23-3; 1328-53-6; 20344-49-4
25566	permanent green light	PY3; PB15:3	Monoazo; Phthalocyanine (Cu)	6486-23-3; 147-14-8
25671	yellow ochre	PY42	Hydrated iron oxide	20344-49-4
25672	gold ochre	PO13; PY83; PY42	Diaryl; Diaryl; Hydrated iron oxide	3520-72-7; 5567-15-7; 20344-49-4
* 25673	raw Sienna	PY83; PBr6	Diaryl; Iron oxide mix	5567-15-7; 72669-22-8
25674	raw umber	PW5; PY42; PBk11	Barium sulfate; Hydrated iron oxide; Iron oxide black	1345-05-7; 20344-49-4; 1317-61-9
25675	umber greenish	PG17; PY42; PBk11	Hematite (Cr); Hydrated iron oxide; Iron oxide black	1308-38-9; 20344-49-4; 1317-61-9
* 25676	burnt umber	PR101; PY42; PBr6; PBk7	Iron oxide; Hydrated iron oxide; Iron oxide mix; Lamp black	1309-37-1; 20344-49-4; 72669-22-8; 1333- 86-4
* 25677	Vandyke brown	PR112; PR101; PBr6; PBk7	Naphthol AS; Iron oxide; Iron oxide mix; Lamp black	6535-46-2; 1309-37-1; 72669-22-8; 1333-86- 4
* 25678	burnt Sienna	PBr6; PY42; PR101	Iron oxide mix; Hydrated iron oxide; Iron oxide	72669-22-8; 20344-49-4; 1309-37-1
25682	English red	PR4; PR101	Beta-Naphthol; Iron oxide	2814-77-9; 1309-37-1
25788	ivory black	PBk1; PBk9	Anilin black; Am. carbonized bones of animals	13007-86-8; 8021-99-6