

SAFETY DATA SHEET

40325-XXXX

MSDS for #40325 - SCHMINCKE LINOPRINT colours Regulation (EC) No. 1907/2006 (REACH)

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series 19 - aqua-LINOPRINT colours

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

1.1 Product identifier

Trade name series 19 - aqua-LINOPRINT colours
Finest artists' linoprint colours, water-based

REACH registration No. ---

UFI ---

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

General use

Products for the artistic design of load-bearing and solid substrates.

Uses advised against

Applications other than "General use"

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)

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

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SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

pigment
gum arabic
Water
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

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 drunk 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

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

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LINOPRINT®
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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.

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 10 °C to 35 °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

Protect skin by using skin protective cream.

Eye protection

Avoid contact with eyes.

Body protection

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Wash contaminated clothing prior to re-use.

General protection and hygiene measures
After work, wash hands and face.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	liquid
Colour	pigmented
Odour	almost odourless

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability		---		
Explosion limits	---	---		
Flash point/flash point range	---	---		
Ignition temperature	---	---		
PH	6,5	7,5	20 °C	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---	---	---
Density and/or relative density		1,35 - 1,75 g/ml	---	---
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.

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

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

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Toxicokinetics, metabolism and

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distribution

Acute toxicity

There are no data available on the preparation/mixture itself.

In case of inhalation

There are no data available on the preparation/mixture itself.

After swallowing

There are no data available on the preparation/mixture itself.

In case of skin contact

There are no data available on the preparation/mixture itself.

After eye contact

There are no data available on the preparation/mixture itself.

Practical experience

General remarks

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation were assessed by the manufacturer on the basis of the data available on the main components.

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

12.6 Endocrine disrupting properties

12.7 Other adverse effects

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Recommendation

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

Package

Waste key number

Recommendation

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

Additional information

<https://www.schmincke.de/en/information/did-you-know/environmentally-responsible-disposal-of-washing-water.html>

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 ---

Portable tanks: Special Provisions ---

Tank coding ---

Tunnel restriction ---

Remarks ---

EQ ---

Special Provisions ---

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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 [%] 0 %
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 ---

Switzerland

Contents of VOC [%]

Further regulations, limitations and legal requirements ---

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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 a liability for damage arising in connection with the use of our products.

Literature

REGULATION (EU) 2021/849 - ATP 17

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

Die Angaben in diesem Datenblatt sind nach bestem Wissen zusammengestellt und entsprechen dem Stand der Kenntnis zum Überarbeitungsdatum 40325-2850, 40325-3040, 40325-3150, 40325-3280, 40325-4040, 40325-4090, 40325-4160, 40325-5220, 40325-5230, 40325-5590, 40325-7110, 40325-7550, 40325-8040, 40325-8080, 40325- Sie sind jedoch nicht die Einhaltung bestimmter Eigenschaften im Sinne der Rechtsverbindlichkeit zu. Page 8 of 9

Appendix for safety data sheet no.: 1900000EN

Art. Nr.	Art. Name	C.I.	
19100	titanium white	PW6	titanium dioxide
19210	permanent yellow	PY154	benzimidazolone
19220	Indian yellow	PO62; PY83	benzimidazolone; diaryl
19320	vermillion red	PR255	diketo-Pyrrolo-Pyrrole
19325	carmine red	PR254; PR264	diketo-Pyrrolo-Pyrrole; diketo-Pyrrolo-Pyrrole
19330	magenta	PR122	quinacridone
19430	ultramarine	PB29	ultramarine blue
19435	Prussian blue	PB15; PB15:1	phthalocyanine (Cu); phthalocyanine (Cu, Cl)
19440	cyan	PB15:3	phthalocyanine (Cu)
19520	permanent green	PY3; PG7	monoazo yellow; phthalocyanine (Cu, Cl)
19530	chromium oxide green hue	PY42; PG7	hydrated iron oxide; phthalocyanine (Cu, Cl)
19610	yellow ochre	PY42	hydrated iron oxide
19620	burnt Sienna	PR101	iron oxide
19630	sepia brown	PBr7; PY42; PR101; PBk11	earth pigment; hydrated iron oxide; iron oxide; black iron oxide
19735	ivory black	PBk9; PBk11	amorphous carbon produced by charring animal bones; black iron oxide
19810	silver	PBk10; Effektpigment	graphite; pearlescent pigment
19820	gold	Effektpigment	pearlescent pigment
19830	copper	Effektpigment	pearlescent pigment