

SAFETY DATA SHEET

40325-XXXX

Page 1 of 8

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

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	Page	1 / 7

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

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)

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.

2.3 Other hazards

SECTION 3: Composition / information on ingredients

Item Numbers: 40325-1020, 40325-2850, 40325-3040, 40325-3060, 40325-3090, 40325-3110, 40325-3130, 40325-3150, 40325-3170, 40325-3190, 40325-3210, 40325-3230, 40325-3250, 40325-3270, 40325-3290, 40325-3310, 40325-3330, 40325-3350, 40325-3370, 40325-3390, 40325-3410, 40325-3430, 40325-3450, 40325-3470, 40325-3490, 40325-3510, 40325-3530, 40325-3550, 40325-3570, 40325-3590, 40325-3610, 40325-3630, 40325-3650, 40325-3670, 40325-3690, 40325-3710, 40325-3730, 40325-3750, 40325-3770, 40325-3790, 40325-3810, 40325-3830, 40325-3850, 40325-3870, 40325-3890, 40325-3910, 40325-3930, 40325-3950, 40325-3970, 40325-3990, 40325-4010, 40325-4030, 40325-4050, 40325-4070, 40325-4090, 40325-4110, 40325-4130, 40325-4150, 40325-4170, 40325-4190, 40325-4210, 40325-4230, 40325-4250, 40325-4270, 40325-4290, 40325-4310, 40325-4330, 40325-4350, 40325-4370, 40325-4390, 40325-4410, 40325-4430, 40325-4450, 40325-4470, 40325-4490, 40325-4510, 40325-4530, 40325-4550, 40325-4570, 40325-4590, 40325-4610, 40325-4630, 40325-4650, 40325-4670, 40325-4690, 40325-4710, 40325-4730, 40325-4750, 40325-4770, 40325-4790, 40325-4810, 40325-4830, 40325-4850, 40325-4870, 40325-4890, 40325-4910, 40325-4930, 40325-4950, 40325-4970, 40325-4990, 40325-5010, 40325-5030, 40325-5050, 40325-5070, 40325-5090, 40325-5110, 40325-5130, 40325-5150, 40325-5170, 40325-5190, 40325-5210, 40325-5230, 40325-5250, 40325-5270, 40325-5290, 40325-5310, 40325-5330, 40325-5350, 40325-5370, 40325-5390, 40325-5410, 40325-5430, 40325-5450, 40325-5470, 40325-5490, 40325-5510, 40325-5530, 40325-5550, 40325-5570, 40325-5590, 40325-5610, 40325-5630, 40325-5650, 40325-5670, 40325-5690, 40325-5710, 40325-5730, 40325-5750, 40325-5770, 40325-5790, 40325-5810, 40325-5830, 40325-5850, 40325-5870, 40325-5890, 40325-5910, 40325-5930, 40325-5950, 40325-5970, 40325-5990, 40325-6010, 40325-6030, 40325-6050, 40325-6070, 40325-6090, 40325-6110, 40325-6130, 40325-6150, 40325-6170, 40325-6190, 40325-6210, 40325-6230, 40325-6250, 40325-6270, 40325-6290, 40325-6310, 40325-6330, 40325-6350, 40325-6370, 40325-6390, 40325-6410, 40325-6430, 40325-6450, 40325-6470, 40325-6490, 40325-6510, 40325-6530, 40325-6550, 40325-6570, 40325-6590, 40325-6610, 40325-6630, 40325-6650, 40325-6670, 40325-6690, 40325-6710, 40325-6730, 40325-6750, 40325-6770, 40325-6790, 40325-6810, 40325-6830, 40325-6850, 40325-6870, 40325-6890, 40325-6910, 40325-6930, 40325-6950, 40325-6970, 40325-6990, 40325-7010, 40325-7030, 40325-7050, 40325-7070, 40325-7090, 40325-7110, 40325-7130, 40325-7150, 40325-7170, 40325-7190, 40325-7210, 40325-7230, 40325-7250, 40325-7270, 40325-7290, 40325-7310, 40325-7330, 40325-7350, 40325-7370, 40325-7390, 40325-7410, 40325-7430, 40325-7450, 40325-7470, 40325-7490, 40325-7510, 40325-7530, 40325-7550, 40325-7570, 40325-7590, 40325-7610, 40325-7630, 40325-7650, 40325-7670, 40325-7690, 40325-7710, 40325-7730, 40325-7750, 40325-7770, 40325-7790, 40325-7810, 40325-7830, 40325-7850, 40325-7870, 40325-7890, 40325-7910, 40325-7930, 40325-7950, 40325-7970, 40325-7990, 40325-8010, 40325-8030, 40325-8050, 40325-8070, 40325-8090, 40325-8110, 40325-8130, 40325-8150, 40325-8170, 40325-8190, 40325-8210, 40325-8230, 40325-8250, 40325-8270, 40325-8290, 40325-8310, 40325-8330, 40325-8350, 40325-8370, 40325-8390, 40325-8410, 40325-8430, 40325-8450, 40325-8470, 40325-8490, 40325-8510, 40325-8530, 40325-8550, 40325-8570, 40325-8590, 40325-8610, 40325-8630, 40325-8650, 40325-8670, 40325-8690, 40325-8710, 40325-8730, 40325-8750, 40325-8770, 40325-8790, 40325-8810, 40325-8830, 40325-8850, 40325-8870, 40325-8890, 40325-8910, 40325-8930, 40325-8950, 40325-8970, 40325-8990, 40325-9010, 40325-9030, 40325-9050, 40325-9070, 40325-9090, 40325-9110, 40325-9130, 40325-9150, 40325-9170, 40325-9190, 40325-9210, 40325-9230, 40325-9250, 40325-9270, 40325-9290, 40325-9310, 40325-9330, 40325-9350, 40325-9370, 40325-9390, 40325-9410, 40325-9430, 40325-9450, 40325-9470, 40325-9490, 40325-9510, 40325-9530, 40325-9550, 40325-9570, 40325-9590, 40325-9610, 40325-9630, 40325-9650, 40325-9670, 40325-9690, 40325-9710, 40325-9730, 40325-9750, 40325-9770, 40325-9790, 40325-9810, 40325-9830, 40325-9850, 40325-9870, 40325-9890, 40325-9910, 40325-9930, 40325-9950, 40325-9970, 40325-9990

Page 1 of 8

SAFETY DATA SHEET

MSDS for #40325 - SCHMUCKLINOPRINT Reg. No. 1907/2006 (REACH)

Page 2 of 8

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	Page	2 / 7

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

Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink, smoke, sniff.

In case of inhalation

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

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 immediately and drink plenty of water. Get medical advice/attention if you feel unwell.

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

Full water jet

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

Special protective equipment for firefighters

Additional information

Item Numbers: 40325-1020, 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, 40325-9010, 40325-9330, 40325-9500

Page 2 of 8

SECTION 6: Accidental release measures

SAFETY DATA SHEET

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

Page 3 of 8

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	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. 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: 5 - 40 °C, Protect from moisture contamination.

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

No special measures are required.

Body protection

No special handling advices are necessary.

General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	liquid
Colour	pigmented
Odour	almost odourless

min

max

Initial boiling point and

boiling range

Melting point/freezing point

40325-1020, 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-

8010, 40325-9230, 40325-9500

Page 3 of 8

SAFETY DATA SHEET

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

Page 4 of 8

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	Page	4 / 7

Flash point/flash point range

Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

PH value

6,5

7,5

20 °C

Viscosity

Viscosity

Vapour pressure

Density

1,35 - 1,75
g/ml

Partition coefficient: n-octanol/water

Danger of explosion

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

No known hazardous reactions.

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

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.

SECTION 12: Ecological information

12.1 Toxicity

Item Numbers: 40325-1020, 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, 40325-9010, 40325-9330, 40325-9500

Aquatic toxicity

Page 4 of 8

SAFETY DATA SHEET

MSDS for #40325 - SCHMUCKLINOPRINT Reg. Regulation (EC) No. 1907/2006 (REACH)

Page 5 of 8

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	Page	5 / 7

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 Other adverse effects

General information

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

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

Keimnummer 40320, 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, 40325-9500
Hazard label ADR

Page 5 of 8

SAFETY DATA SHEET

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

Page 6 of 8

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	Page	6 / 7

Limited quantities

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 [%] 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

Page 6 of 8

SAFETY DATA SHEET

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

Page 7 of 8

series 19 - aqua-LINOPRINT colours

Article No.	19100009	titanium white	Issue date:	19.12.19
Version	5.1	(19.12.19)	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 [%]

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.

High models: 40325-900, 40325-901, 40325-902, 40325-903, 40325-904, 40325-905, 40325-906, 40325-907, 40325-908, 40325-909, 40325-910, 40325-911, 40325-912, 40325-913, 40325-914, 40325-915, 40325-916, 40325-917, 40325-918, 40325-919, 40325-920, 40325-921, 40325-922, 40325-923, 40325-924, 40325-925, 40325-926, 40325-927, 40325-928, 40325-929, 40325-930, 40325-931, 40325-932, 40325-933, 40325-934, 40325-935, 40325-936, 40325-937, 40325-938, 40325-939, 40325-940, 40325-941, 40325-942, 40325-943, 40325-944, 40325-945, 40325-946, 40325-947, 40325-948, 40325-949, 40325-950

Page 7 of 8

Appendix for material safety data sheet no.: 19 000 000
aqua-LINOPRINT

art.nr.	art.name	C.I.	
19100	titanium white	PW6	Titanium dioxide
19210	permanent yellow	PY154	Benzimidazolone
19220	Indian yellow	PY153; PO62	Nickel-complex; Benzimidazolone
19320	vermilion red	PR255	Diketo-pyrrolo-pyrrol
19325	carmine red	PR254; PR264	Diketo-pyrrolo-pyrrol; Diketo-pyrrolo-pyrrol
19330	magenta	PR122	Quinacridone
19430	ultramarine	PB29	Sodium aluminum silicate
19435	Prussian blue	PB15; PB15:1	Phthalocyanine (Cu); Phthalocyanine (Cu)
19440	cyan	PB15:3	Phthalocyanine (Cu)
19520	permanent green	PY3; PG7	Monoazo; 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; Iron oxide black
19735	black	PBk9; PBk11	Am. carbonized bones of animals; Iron oxide black
19810	silver	PBk10; Effektpigment	Crystallized carbon; Effectpigment
19820	gold	Effektpigment	Effectpigment
19830	copper	Effektpigment	Effectpigment

H. Schmincke Co. GmbH Co. KG • Finest artists' colours • Otto-Hahn-Str. 2 • D-40699 Erkrath
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