

SAFETY DATA SHEET

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

50 260 - Painting medium BLUE

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

1.1 Product identifier

Trade name 50 260 - Painting medium BLUE
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)

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SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

natural oils
modified oils

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

3.2 Mixtures

Substance 1

2,2-dimethyl-1,3-dioxolan-4-ylmethanol: 3 % < 10 %
CAS: 64-17-5
Eye Irrit. 2; H319

Additional information

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

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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

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

DNEL overview

100-79-8 2,2-dimethyl-1,3-dioxolan-4-ylmethanol

DNEL worker	Long-term - inhalation, systemic effects	372,20000	mg/m ³
DNEL worker	Long-term - dermal, systemic effects	52,80000	mg/kg

PNEC overview

100-79-8 2,2-dimethyl-1,3-dioxolan-4-ylmethanol

PNEC soil	2,50000	mg/kg dry weigh
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PNEC aquatic, freshwater	200,00000	µg/L
PNEC aquatic, freshwater	0,10000	mg/L
PNEC aquatic, marine water	200,00000	µg/L
PNEC aquatic, marine water	0,01000	mg/L
PNEC soil, freshwater	1183,00000	µg/kg dry weigh
PNEC soil, marine water	118,30000	µg/kg dry weigh
PNEC sewage treatment plant (STP)	10,00000	mg/L
PNEC sewage treatment plant (STP)	100,00000	mg/L

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

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 yellowish
Odour characteristic

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	> 100 °C	---		
Flammability		---		
Explosion limits	---	---		
Flash point/flash point range	> 60 °C	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---	---	---
Density and/or relative density		1,04 g/ml	20 °C	---
Relative vapour density	---	---	---	---
Auto-ignition temperature	---	---	---	
Refraction index	---	---	---	

Danger of explosion

9.2 Other information

SECTION 10: Stability and reactivity

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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

Toxicological tests

100-79-8

2,2-dimethyl-1,3-dioxolan-4-ylmethanol

oral	LD50	Rat		7000,00000	mg/kg	-
inhalative	LC50	Rat		5,11000	mg/L	(4h)
inhalative	LC50	Rat		5,11000	mg/kg	(4h)
dermal	LD50	Rat	>	2000,00000	mg/kg	-
dermal	LD50	Rabbit	>	3000,00000	mg/kg	-

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

Ecotoxicological effects

100-79-8

2,2-dimethyl-1,3-dioxolan-4-ylmethanol

LC50	Water	>	16700,00000	mg/L	(96h)
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LC50	Brachydanio rerio (zebrafish)	>	100,00000	mg/L	(96h)
EC50	Algae	>	92,00000	mg/L	(72h)
EC50	Pseudokirchneriella subca	>	100,00000	mg/L	(72h)
EC50	Daphnia magna	>	100,00000	mg/L	(48h)
NOEC	Daphnia magna (Big water)		10,00000	mg/L	(21d)

Aquatic toxicity

Water Hazard Class

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 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.

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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 ---

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 ---

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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 0 g/L
[g/L]
Further regulations, limitations and legal requirements

Germany

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

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

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP) no hazard labelling required

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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
