

SAFETY DATA SHEET

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

50 045 - Medium N

Article No.
Version 4 (10.07.17)

Issue date: 10.07.17
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name 50 045 - Medium N

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-lab:
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) 30-30686790

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Flam. Liq. 3; H226 Flammable liquid and vapour.
STOT SE 3; H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling (CLP)



Signal word Warning

Hazard statements

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

Safety precautions

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take action to prevent static discharges.
P260 Do not breathe vapours.
P280 Wear protective gloves and protective clothing.

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P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

2.3 Other hazards

Repeated exposure may cause skin dryness or cracking. (EUH066)
Contains phthalic anhydride. May produce an allergic reaction. (EUH208)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

White spirit
Alkyd resin
acrylic resin
CAS-Number
EINECS / ELINCS / NLP
EU index number
Customs tariff number
REACH registration No.
RTECS-no.
Hazchem-Code
CI-Number

3.2 Mixtures

Substance 1

naphta (petroleum), hydrotreated heavy: 25 - < 50 %
CAS: 64742-48-9
REACH: 01-2119457273-39-xxxx
Asp. Tox. 1; H304 / EUH066

Substance 2

naphta (petroleum), hydrotreated light: 10 - < 25 %
CAS: 64742-49-0
REACH: 01-2119471843-32-xxx
Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H336 / EUH066

Substance 3

naphta (petroleum), hydrotreated heavy: 2,5 - < 5,0 %
CAS: 64742-48-9
REACH: 01-2119463258-33-xxx
Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H336 / EUH066

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of inhalation

Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical attention if problems persist.

In case of skin contact

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

After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

After swallowing

If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

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4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

This material is combustible, but will not ignite readily. Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

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. Wear personal protection equipment.

6.2 environmental precautions

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Collect mechanically using liquid-binding material (sand, diatomaceous earth, universal binding agents). Dispose of waste in accordance with local, state, and federal regulations.

Additional information

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

No special measures are required.

Precautions against fire and explosion

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Hints on joint storage

Storage class

Further details

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

64742-48-9 naphta (petroleum), hydrotreated heavy

DEU	WEL	100,000	mg/kg	-
DEU	WEL	600,000	mg/m ³	-

64742-48-9 naphta (petroleum), hydrotreated heavy

DEU	WEL	600,000	mg/m ³	-
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8.2 Exposure controls

Occupational exposure controls

Respiratory protection

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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.
Combination filtering device (EN 14387) Use filter type A (= against vapours of organic substances)

Hand protection

Qualified materials:

Nitrile rubber

Layer thickness > 0,35 mm

Breakthrough time > 480 min Ultranitrl 492 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet:

www.mapa-pro.de

All information was derived in accordance with EU directive 89/686/EWG and the resultant EN 374 in cooperation with MAPA GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves. This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided.

Eye protection

Goggles

Body protection

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

General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	liquid		
Colour	weak yellowish, clear		
Odour	aromatic		
		min	max
Initial boiling point and boiling range			
Melting point/freezing point			
Flash point/flash point range	35 °C	45 °C	
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
Partition coefficient: n-octanol/water			
Danger of explosion			
Vapour pressure			
Density	0,87 g/ml		
PH value			
Viscosity dynamic of			
Viscosity dynamic up to			
Viscosity kinematic of	58 mm ² /s	40 °C	
Viscosity kinematic up to	63 mm ² /s	40 °C	

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

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10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

64742-48-9 naphta (petroleum), hydrotreated heavy

oral	LD50	Rat	>	5000,000	mg/kg	-
inhalative	LC50	Rat	>	4900,000	mg/m ³	(4h)
dermal	LD50	Rabbit	>	5000,000	mg/kg	-

64742-49-0 naphta (petroleum), hydrotreated light

oral	LD50	Rat	>	5000,000	mg/kg	-
dermal	LD50	Rabbit	>	5000,000	mg/kg	-

64742-48-9 naphta (petroleum), hydrotreated heavy

oral	LD50	Rat	>	5000,000	mg/kg	-
dermal	LD50	Rabbit	>	5000,000	mg/kg	-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
In case of inhalation
After swallowing
In case of skin contact
After eye contact

Practical experience

General remarks

Toxicological tests

64742-48-9 naphta (petroleum), hydrotreated heavy

LC50	fish	>	1000,000	mg/l	-
LC50	Algae	>	1000,000	mg/l	-

64742-49-0 naphta (petroleum), hydrotreated light

LC50	fish	>	100,000	mg/l	(48h)
LC50	Daphnia magna (Big water	>	100,000	mg/l	(96h)

64742-48-9 naphta (petroleum), hydrotreated heavy

LC50	fish	>	1000,000	mg/l	(96h)
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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity
Water Hazard Class
WGK catalog number
General information

2

12.2 Persistence and degradability

Further details
Oxygen demand

12.3 Bioaccumulative potential

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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

Ecotoxicological effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

080111 080111* waste paint and varnish containing organic solvents or other dangerous substances

Recommendation

Contaminated packaging

Waste key number

Recommendation

Additional information

SECTION 14: Transport information

14.1 UN number

1263

14.2 UN proper shipping name

ADR, ADN Paint related material

IMDG, IATA PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

ADR, ADN 3

IMDG 3

IATA 3

14.4 Packing group

III

14.5 Environmental hazards

Marine Pollutant - IMDG No

Marine Pollutant - ADN

14.6 Special precautions for user

Land transport

Code: ADR/RID F1

Kemmler-number 30

Hazard label ADR 3

Limited quantities 5L

Contaminated packaging: Instructions P001 - IBC03 - LP01 - R001

Contaminated packaging: Special provisions PP1

Special provisions for packing together MP19

Portable tanks: Instructions T2

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Portable tanks: Special provisions	TP1 - TP29
Tank coding	LGBF
Tunnel restriction	D/E
Remarks	
EQ	E1
Special provisions	163 - 367 - 650

Inland waterway craft

Hazard label
Limited quantities
Transport permitted
Equipment necessary
Ventilation
Remarks
EQ
Special provisions

Sea transport

EmS	F-E, S-E
Special provisions	163 - 223 - 367 - 955
Limited quantities	5L
Contaminated packaging: Instructions	P001 - LP01
Contaminated packaging: Special provisions	PP1
IBC: Instructions	IBC03
IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T2
Tank instructions Special provisions	TP1 - TP29
Stowage and segregation	category A
Properties and observations	
Remarks	
EQ	E1

Air transport

Hazard	Flammable Liquid
Passenger	355 (60L)
Passenger LQ	Y344 (10L)
Cargo	366 (220L)
ERG	3L
Remarks	
EQ	
Special Provisioning	A192

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

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Storage class
Water Hazard Class 2
WGK catalog number
Incident regulation
Information on working limitations
Further regulations, limitations and legal requirements

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 [%]
~ 61 %
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)
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

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

