

SAFETY DATA SHEET

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

50 034 - Megilp

Article No.		Issue date:	01.10.18
Version	4 (01.10.18)	Page	1 / 8

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

1.1 Product identifier

Trade name 50 034 - Megilp

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) 30-30686700

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (CLP)

Signal word

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Safety precautions

P102 Keep out of reach of children.
P273 Avoid release to the environment.

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

Alkyd resin
natural oils
White spirit

SAFETY DATA SHEET

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

50 034 - Megilp

Article No.		Issue date:	01.10.18
Version	4 (01.10.18)	Page	2 / 8

filler(s)
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

naphtha (petroleum), hydrotreated light: 5 - 10 %
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 2

solvent naphtha (petroleum), light, aromatic: 5 - 10 %
CAS: 64742-95-6
REACH: 01-2119455851-35
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336 / EUH066

Substance 3

2-ethylhexanoic acid, zirconium salt: 0,1 - 0,5 %
CAS: 22464-99-9
REACH: 01-2119979088-21-xxxx
Repr. 2; H361D

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

Provide fresh air. Seek medical attention if problems persist.

In case of skin contact

Remove residues with soap and water. In case of skin irritation, consult a physician.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

After swallowing

Rinse mouth with water. Do NOT induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

Caution if victim vomits: Risk of aspiration!

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

strong water jet

5.2 Special hazards arising from the substance or mixture

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

SAFETY DATA SHEET

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

50 034 - Megilp

Article No.
Version 4 (01.10.18)

Issue date: 01.10.18
Page 3 / 8

5.3 Advice for firefighters

Special protective equipment for firefighters

Use appropriate respiratory protection.

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

Collect spilled material using paper towels and dispose.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation.

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 measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Hints on joint storage

Storage class

Further details

Protect from frost and exposure to sun.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

64742-95-6 solvent naphtha (petroleum), light, aromatic

DEU	WEL	50,000	mg/m ³	TRGS 900
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22464-99-9 2-ethylhexanoic acid, zirconium salt

DEU	WEL	1,000	mg/m ³	1(I); 10, DFG, Sah
-----	-----	-------	-------------------	--------------------

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.

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

Ultranitril 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/EEG and the resultant EN 374 in cooperation with MAPA

SAFETY DATA SHEET

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

50 034 - Megilp

Article No.		Issue date:	01.10.18
Version	4 (01.10.18)	Page	4 / 8

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	pasty	
Colour	yellowish, opaque	
Odour	weak like white spirit	
	min	max
Initial boiling point and boiling range		
Melting point/freezing point		
Flash point/flash point range		> 61 °C
Flammability		
Ignition temperature		
Auto-ignition temperature		
Explosion limits		
Refraction index		
Partition coefficient: n-octanol/water		
Danger of explosion		
Vapour pressure		
Density	1,26 g/ml	20 °C
PH value		
Viscosity dynamic of		
Viscosity dynamic up to		
Viscosity kinematic of	300	40 °C
Viscosity kinematic up to	350 mm ² /s	40 °C

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is stable under normal storage conditions.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Protect from frost and exposure to sun.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

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

SAFETY DATA SHEET

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

50 034 - Megilp

Article No. **4** (01.10.18) Issue date: **01.10.18**
Version **4** (01.10.18) Page **5 / 8**

oral	LD50	Rat	>	5000,000	mg/kg	-
dermal	LD50	Rabbit	>	5000,000	mg/kg	-
64742-95-6	solvent naphtha (petroleum), light, aromatic					
oral	LD50	Rat	>	2000,000	mg/kg	-
dermal	LD50	Rat	>	2000,000	mg/kg	-

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

Toxicological tests

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

LC50	fish	>	100,000	mg/l	(48h)
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LC50	Daphnia magna (Big water	>	100,000	mg/l	(96h)
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64742-95-6 solvent naphtha (petroleum), light, aromatic

LC50	fish	>	10,000	mg/l	-
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LC50	Algae	>	10,000	mg/l	-
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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

No data available

Water Hazard Class

2

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

SAFETY DATA SHEET

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

50 034 - Megilp

Article No.		Issue date:	01.10.18
Version	4 (01.10.18)	Page	6 / 8

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 Waste paint and varnish containing organic solvents or other dangerous substances

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

Marine Pollutant - ADN

14.6 Special precautions for user

Land transport

Code: ADR/RID

Kemmler-number

Hazard label ADR

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

SAFETY DATA SHEET

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

50 034 - Megilp

Article No.		Issue date:	01.10.18
Version	4 (01.10.18)	Page	7 / 8

Inland waterway craft

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

Sea transport

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

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 2
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)

50 034 - Megilp

Article No.
Version 4 (01.10.18)

Issue date: 01.10.18
Page 8 / 8

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 [%]

~ 19 %

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.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H361D Suspected of damaging the unborn child.
- H411 Toxic to aquatic life with long lasting effects.
- 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

Anvisningene i denne brosjyren er satt sammen etter beste viten og tilsvarer dagens kunnskap. De garanterer seg likevel ikke mot overholdelsen av bestemte egenskaper i h.h.t. juridisk bindende betydning.