

MSDS for #85405 - SCHMINCKE AERO MED
according to Regulation (EC) No. 1907/2006 (REACH)

SAFETY DATA SHEET

50 603 - AERO TEX

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

1.1 Product identifier

Trade name 50 603 - AERO TEX
REACH registration No.
UFI UFI: TH4H-6478-H007-4N3M

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

Emergency call 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)

Eye Irrit. 2; H319 Causes serious eye irritation.
STOT SE 3; H335 May cause respiratory irritation.
Skin Irrit. 2; H315 Causes skin irritation.

2.2 Label elements

Labelling



Signal word Warning

Hazard components for labelling

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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Safety precautions

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P102 Keep out of reach of children.
P261 Avoid breathing spray.
P280 Wear protective gloves/protective clothing and eye/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards

Contains BIT, CIT, MIT, OIT: May produce an allergic reaction. (EUH208)

This product contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients**3.1 Substances****Chemical characterisation**

CAS-Number
EINECS / ELINCS / NLP
REACH registration No.
CI-Number

3.2 Mixtures**Substance 1**

N,N-diethylethanamine: < 1 %
CAS: 121-44-8
REACH: 01-2119475467-26
Acute Tox. 3; H311 / Acute Tox. 3; H331 / Acute Tox. 4;
H302 / Eye Dam. 1; H318 / Flam. Liq. 2; H225 / STOT SE
3; H335 / Skin Corr. 1A; H314
STOT SE 3; H335: C >=1%

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

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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

No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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

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

5.3 Advice for firefighters

Special protective equipment for firefighters

Additional information

Normally stable, even under fire exposure conditions, and are not reactive with water

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

LGK 12

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.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL overview

121-44-8 N,N-diethylethanamine

DNEL worker	Long-term - inhalation, systemic effects	8,40000	mg/m ³
DNEL worker	Long-term - inhalation, local effects	8,40000	mg/m ³
DNEL worker	Long-term - dermal, systemic effects	12,10000	mg/kg bw/day
DNEL worker	Acute - inhalation, systemic effects	12,60000	mg/m ³
DNEL worker	Acute - inhalation, local effects	12,60000	mg/m ³

PNEC overview

121-44-8 N,N-diethylethanamine

PNEC soil	0,25000	mg/kg
PNEC aquatic, freshwater	0,11000	mg/L
PNEC aquatic, marine water	0,01100	mg/L
PNEC soil, freshwater	1,57500	mg/kg
PNEC soil, marine water	0,15800	mg/kg
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. Respiratory protection must be worn whenever the WEL levels have been exceeded.

Hand protection

Wear protective gloves if necessary.

Eye protection

Goggles

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	clear
Odour	characteristic

	min	max
Melting point/freezing point		
Initial boiling point and boiling range	100 °C	
Flammability		
Explosion limits		
Flash point/flash point range		
Ignition temperature		
PH	7	9,5
Viscosity		
Viscosity		
Solubility		
Partition coefficient: n-octanol/water		

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Vapour pressure

Density and/or relative density

1,05 g/ml

20 °C

Relative vapour density

Auto-ignition temperature

Refraction index

Danger of explosion

particle characteristics

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

none

10.6 Hazardous decomposition products

Hazardous decomposition products such as carbon dioxide, carbon monoxide, fumes, nitrogen oxides may develop with exposure to high temperatures.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Toxicological tests**

121-44-8

N,N-diethylethanamine

oral	LD50	Rat		730,00000	mg/kg	-
inhalative	LC50	Rat		7,22000	mg/L	(4h)
dermal	LD50	Rabbit		580,00000	mg/kg	-

Toxicokinetics, metabolism and distribution**Acute toxicity**

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

In case of inhalation

May cause respiratory irritation.

After swallowing

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

In case of skin contact

Causes skin irritation.

After eye contact

Causes serious eye irritation.

Sensibilisation: Respiratory system

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

Sensibilisation: Skin

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

Specific target organ toxicity

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

Repeated dose toxicity

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

Carcinogenic, germ cell mutagen and reproduction effects

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

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

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

Practical experience**General remarks****11.2 Information on other hazards**

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

none

SECTION 12: Ecological information**12.1 Toxicity****Ecotoxicological effects**

121-44-8 N,N-diethylethanamine

LC50	fish	24,00000	mg/L	(96h)
LC50	Daphnia magna (Big water)	17,00000	mg/L	(48h)

Aquatic toxicity

WGK 1: slightly hazardous to water

WGK 2: obviously hazardous to water

Water Hazard Class WGK 1

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

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

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

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

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

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Waste key number

080 112

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/know-how/good-to-know/disposing-of-washing-water-colour-medium-remains>**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

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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 [%] < 0,25 %
 Contents of VOC
 [g/L]
 Further regulations, limitations and legal requirements

Germany

Storage class LGK 12
 Water Hazard Class WGK 1
 WGK catalog number
 Incident regulation
 Information on working limitations
 Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]
 < 0,25 %
 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**

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Hazard statements (CLP)

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H331 Toxic if inhaled.

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) 2024/197 - ATP 21

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information

BIT - 1,2-benzisothiazol-3(2H)-one (CAS: 2634-33-5)
CIT - 5-chloro-2-methyl-4-isothiazolin-3-one (CAS: 26172-55-4)
MIT - 2-methyl-2H-isothiazol-3-one (CAS: 2682-20-4)
OIT - 2-octyl-2H-isothiazol-3-one (CAS: 23560-20-1)