

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

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)

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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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.
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 Seek medical attention if irritation persists.

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After swallowing

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Rinse mouth with water. Let water be drunk 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
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Melting point/freezing point**Initial boiling point and**

100 °C

boiling range**Flammability****Explosion limits****Flash point/flash point range****Ignition temperature****PH**

7

9,5

Viscosity

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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.

Sensitisation: Respiratory system

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

Sensitisation: 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
Item Numbers: 85405-0112
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.
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Further information

This information is abased 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)