

MATERIAL SAFETY DATA SHEET

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

50 604 - AERO LACK, watery

Article No.
Version

2 (15.09.15)

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

1.1 Product identifier

Trade name 50 604 - AERO LACK, watery

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-Labor:

Mo-Do 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)

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 (CLP)



Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Safety precautions

P102 Keep out of reach of children.

P312 Call a POISON CENTER/doctor/. if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

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2.3 Other hazards

Contains ###.May produce an allergic reaction. (###)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization

polyurethane dispersion
additives

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

triethylamine: 1,0 - 1,5 %
CAS-Number: 121-44-8
REACH registration No.: 01-2119475467-26-XXXX
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 3; H311 / Acute Tox. 3; H331 / Acute Tox. 4;
H302 / Flam. Liq. 2; H225 / STOT SE 3; H335 / Skin
Corr. 1A; H314

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of inhalation

Seek medical treatment in case of troubles.

In case of skin contact

Wash with generous amount of water and soap. 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.
Subsequently consult an ophthalmologist.

After swallowing

Rinse mouth with water. Get medical advice/attention if you feel unwell.

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

strong water jet

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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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

Additional information

6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see 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

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Store container tightly closed in a dry area. Protect from frost and exposure to sun.

Hints on joint storage

Storage class

Further details

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed. No special measures necessary. Recommended storage temperature: 10 - 25 °C.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

121-44-8 triethylamine

DEU	WEL	1,000	mL/m ³	-
DEU	WEL	4,200	mg/m ³	2(I); DFG, EU

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

Hand protection

Eye protection

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Body protection

General protection and hygiene measures

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Physical state	liquid
Colour	milky white to yellowish
Odour	weak Product specific

min max

Initial boiling point and
boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

Partition coefficient: n-octanol/water

Explosive properties

Vapour pressure

Density 1,05 g/ml

PH value 8 10

Viscosity dynamic of

Viscosity dynamic up to

Viscosity kinematic of

Viscosity kinematic up to

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

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

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

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Practical experience

General remarks

Toxicological tests

121-44-8 triethylamine

oral	LD50	Rat		460,000	mg/kg	-
dermal	LD50	Rabbit		415,000	mg/kg	-

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Water Hazard Class 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

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

121-44-8 triethylamine

not required	LC50	fish		36,000	mg/L	(96h)
not required	LC50	Daphnia magna (Big water		17,000	mg/L	(48h)

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

080 112 080112 waste paint and varnish other than those mentioned in 080111

Recommendation

Contaminated packaging

Waste key number

Recommendation

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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

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

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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

Bezeichner in aktueller Sprache fehlt!

National regulations

Europe

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

Germany

Storage class
Water Hazard Class 1
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 [%]
Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations

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Signal Word**Principal Hazards****Hazardous Ingredients****Hazard Statement****Precaution Statement****First aid Statements****Children's Statement**

Keep out of reach of children. For professional use only.

Required Statements

Conforms to ASTM D-4236.

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)**

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

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**

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.