

# MATERIAL SAFETY DATA SHEET

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

## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	1 / 9

### 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) 30-30686700**

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

## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	2 / 9

### 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.

### 2.3 Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

Water  
polyurethane dispersion  
Additive  
  
CAS-Number  
EINECS / ELINCS / NLP  
EU index number  
Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number  
CI-Number

### 3.2 Mixtures

Substance 1
-------------

N,N-diethylethanamine: 1,0 - 1,5 %  
CAS: 121-44-8  
REACH: 01-2119475467-26-XXXX

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

#### 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 immediately and drink plenty of water. Seek medical treatment in case of troubles.

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

## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	3 / 9

### 4.2 Most important symptoms and effects, both acute and delayed

No data available

### 4.3 Indication of any immediate medical attention and special treatment needed

## 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

### 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

Store in a well-ventilated place. Keep container tightly closed. Keep away from sources of ignition and heat.

#### 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

121-44-8

N,N-diethylethanamine

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

## 50 604 - AERO LACK, watery

Article No. 50604026 AERO LACK watery glossy sealing coat Issue date: 06.01.20  
Version 3.1 ( 06.01.20 ) Page 4 / 9

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

### 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

Protective gloves

Qualified materials: Fluororubber (Viton)

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

##### Eye protection

Tightly sealed safety glasses.

##### Body protection

Wear suitable protective clothing.

##### 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	white- yellowish
Odour	weak sweetish

	min	max	
Initial boiling point and boiling range	100 °C		
Melting point/freezing point			
Flash point/flash point range			
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH value	8	10	
Viscosity			
Viscosity			
Vapour pressure			
Density		1,05 g/ml	20 °C
Partition coefficient: n-octanol/water			

Danger of explosion

### 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.

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## 50 604 - AERO LACK, watery

Article No. 50604026 AERO LACK watery glossy sealing coat Issue date: 06.01.20  
Version 3.1 ( 06.01.20 ) Page 5 / 9

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Toxicological tests

121-44-8 N,N-diethylethanamine

oral	LD50	Rat		460,00000	mg/kg	-
dermal	LD50	Rabbit		415,00000	mg/kg	-

#### 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

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Ecotoxicological effects

121-44-8 N,N-diethylethanamine

LC50	fish		36,00000	mg/l	(96h)
LC50	Daphnia magna (Big water)		17,00000	mg/l	(48h)

#### Aquatic toxicity

No data available

#### Water Hazard Class

nwg

#### 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

No data available

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## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	6 / 9

### 12.6 Other adverse effects

General information

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste key number

080 112 waste paint and varnish other than those mentioned in 08 01 11

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 (ADR/RID)

Code

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 (ADN)

Hazard label

Limited quantities

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

## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	7 / 9

Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

### Sea transport (IMDG)

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 (IATA-DGR)

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 nwg  
WGK catalog number  
Incident regulation  
Information on working limitations  
Further regulations, limitations and legal requirements

##### Denmark

Further regulations, limitations and legal requirements

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## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	8 / 9

### 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

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.
	H318 Causes serious eye damage.
	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.



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## 50 604 - AERO LACK, watery

Article No.	50604026 AERO LACK watery glossy sealing coat	Issue date:	06.01.20
Version	3.1 ( 06.01.20 )	Page	9 / 9

### 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

BIT - 1,2-benzisothiazol-3(2H)-one  
CIT - 5-chloro-2-methyl-4-isothiazolin-3-one  
MIT - 2-methyl-2H-isothiazol-3-one  
OIT - 2-octyl-2H-isothiazol-3-one