

# MATERIAL SAFETY DATA SHEET

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

**50 601 - AERO GRUND**

**50 602 - AERO MEDIUM**

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

### 1.1 Product identifier

Trade name 50 601 - AERO GRUND  
50 602 - AERO MEDIUM

### 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)

no hazard labelling required

### 2.2 Label elements

#### Labelling (CLP)

#### Signal word

#### Hazard statements

no hazard labelling required

#### Safety precautions

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## 2.3 Other hazards

Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. (EUH208)

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterization

Water  
Additive  
pure acrylate  
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

ammonia: CAS-Number: 1336-21-6  
EU index number: 215-647-6  
REACH registration No.: 01-2119488876-14-XXXX  
Classification according to Directive 67/548/EEC or 1999/45/EC:  
Nature of Hazard: / R phrase(s):  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Acute 1; H400 / STOT SE 3; H335 / Skin Corr. 1B; 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 with water. Seek medical treatment in case of troubles.

### 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

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## 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**

### **8.2 Exposure controls**

#### **Occupational exposure controls**

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## 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

Goggles

## 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

<b>Physical state</b>	liquid
<b>Colour</b>	whitish
<b>Odour</b>	almost odourless

	min	max
<b>Initial boiling point and boiling range</b>	~	100 °C
<b>Melting point/freezing point</b>		
<b>Flash point/flash point range</b>		
<b>Flammability</b>		
<b>Ignition temperature</b>		
<b>Auto-ignition temperature</b>		
<b>Explosion limits</b>		
<b>Refraction index</b>		

**Partition coefficient: n-octanol/water**

**Explosive properties**

**Vapour pressure**

**Density** 1,05 g/ml 20 °C

**PH value** 8,5 9,5

**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

Product is stable under normal storage conditions.

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

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Protect from frost and exposure to sun.

## **10.5 Incompatible materials**

## **10.6 Hazardous decomposition products**

Hazardous vapours may form during fires.

## 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**

1336-21-6 ammonia

oral	LD50	Rat		350,000	mg/kg	-
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## SECTION 12: Ecological information

### **12.1 Toxicity**

#### **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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## 12.6 Other adverse effects

General information

## Ecotoxicological effects

## 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

#### 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

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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  
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 nwg

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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 [%]  
< 1 %  
Further regulations, limitations and legal requirements

## Bezeichner in aktueller

### Sprache fehlt!

Further regulations, limitations and legal requirements  
Federal Regulations  
State Regulations

## 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



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**Hazard statements (CLP)**

- H314 Causes severe skin burns and eye damage.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.

**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.