

MATERIAL SAFETY DATA SHEET

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

50 608 - AERO Metallic Medium

Article No.		Issue date:	26.01.17
Version	2 (19.12.16)	Page	1 / 8

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

1.1 Product identifier

Trade name 50 608 - AERO Metallic 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
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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

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)

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SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

Water
pure acrylate
effect pigments
Additive
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

methyl 5-(dimethylamino)-2-methyl-5-oxopentanoate: < 2 % CAS: 1174627-68-9 REACH: 1-2119497421-36 Eye Irrit. 2; H319

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

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

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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
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

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. Particle filter device (DIN EN 143)

Hand protection
Avoid contact with skin. Protect skin by using skin protective cream.

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.

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SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form liquid
Colour whitish
Odour almost odourless

	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		

Partition coefficient: n-octanol/water
Danger of explosion

Vapour pressure			
Density	1,1 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

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

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No data available

Practical experience

General remarks

Toxicological tests

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity
No data available

Water Hazard Class 1

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

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

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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
Tank instructions IMO
Tank instructions UN
Tank instructions Special provisions
Stowage and segregation
Properties and observations
Remarks
EQ

Air transport

Hazard

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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 [%]

0 %

Further regulations, limitations and legal requirements

USA

State Regulations

Signal Word

-

Principal Hazards

-

Hazardous Ingredients

-

Hazard Statement

-

Precaution Statement

-

First aid Statements

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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) H319 Causes serious eye 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