

Safety data sheet

according to Regulations (EC) 1907/2006 (REACH), 1272/2008 and (EU) 830/2015

Baumit Metallic

created on: 11.04.2018

Revision of the edition dated: 29.01.2018 (replacement for all previous editions)

Printed: 11.04.2018

SECTION 1: Identification of the mixture and company

1.1 Product identifier

Baumit Metallic

1.2 Relevant identified applications of the mixture and applications advised against

Ready-to-apply, metallic shiny effect coating

(see also product data sheet).

Not to be mixed with other products.

1.3 Details on the supplier that provides the safety data sheet

Name: Baumit GmbH

Address: 2754 Waldegg, Wopfing 156

Tel. no.: +43 (0) 501 888-0

Fax no.: +43 (0) 501 888 1266

Further information obtainable from: e-mail (expert): office@baumit.com Office hours: Mon to Thu 7:00 am to 4:00 pm and Fri 7:00 am to 12:00 pm

1.4 Emergency telephone number

European emergency telephone number: 112

Emergency telephone number: +43 (0)1 4064 343-0,

Poison information centre at the 1st Medical University Clinic

Währinger Gürtel 18-20, 1090 Vienna Availability: daily 24hr

SECTION 2: Potential hazards

2.1 Classification of the mixture

2.1.1 According to Regulation (EC) no. 1272/2008

Hazard class

Hazard category

not applicable

Hazard warnings

EUH208: Contains mixture from 5-Chloro-2-methyl-2H-isothiazolin-3-one and 2-Methyl-2H-isothiazolin-3-one (3:1).

Can trigger allergic reactions.

2.2 Label elements

2.2.1 According to Regulation (EC) no. 1272/2008

Signal word:



Safety data sheet

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Hazard-determining components of labelling:

Hazard warnings

EUH208: Contains mixture from 5-Chloro-2-methyl-2H-isothiazolin-3-one and 2-Methyl-2H-isothiazolin-3-one (3:1).

Can trigger allergic reactions.

Safety instructions

P101: If medical advice is required, please keep the packaging and label handy.

P102: Keep out of reach of children.

Biocidal Products Regulation (528/2012)

The product contains the following biocidal products to guarantee storage protection: a mixture from 5-Chloro-2-methyl-2H-isothiazolin-3-one and 2-Methyl-2H-isothiazolin-3-one (3:1).

2.3 . Other hazards

Results of the PBT and vPvB assessment: not applicable

SECTION 3: Composition/information on components

3.1 Substances

Not applicable since it is a mixture.

3.2 Mixtures

Hazardous components

Identification	Content	CAS-no.	EC-no.	Registration number	Classification according to Regulation (EC) no. 1272/2008	
Mixture of: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazolin-3-one	< 0.0015%	55965-84-9	247-500-7	— —	H301	Acute Tox. 3
					H311	
					H330	Acute Tox. 2
			H314		Skin Corr. 1B	
			H400 (M=100)		Aquatic Acute 1	
			H410 (M=10)		Aqua. Chronic 1	
H317	Skin Sens. 1A					

SECTION 4: First-aid measures

4.1 Description of the first-aid measures

General information

Help quickly. No special personal protective equipment is required for first responders.

Inhalation

Safety data sheet

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Supply fresh air. Consult a doctor in case of complaints.

Skin contact

In case of contact with the skin, wash with water and soap. Remove soaked clothing, shoes, watches, etc. Clean these thoroughly before reuse. Consult a doctor in case of skin complaints.

Eye contact

Do not rub the eye dry because mechanical strain may cause additional damage to the cornea. If applicable, remove contact lenses and rinse the eye immediately with open eyelids under running water for at least 20 minutes to remove all particles. If possible, use an isotonic eye-rinsing solution (0.9% NaCl). Always consult an occupational health professional or ophthalmologist.

Swallowing

Do not induce vomiting. If conscious, rinse mouth and drink plenty of water in small sips. Consult a doctor or POISON INFORMATION CENTRE.

Information for the doctor

No long-term effect is known.

4.2 Most important acute or delayed symptoms and effects

Eyes

Eye contact can cause severe and possibly permanent eye damage.

Skin

Product can have an irritating effect on moist skin (as a result of sweating or air humidity) due to prolonged contact. Contact between the product and moist skin can cause skin irritations or allergic reactions. For further information, see (1).

Respiration

Inhalation of aerosol mist can result in injury to health during mechanical handling.

Environment

The product, when used normally, is not hazardous for the environment.

4.3 Information on immediate medical attention or special treatment

If a doctor is consulted, please present this safety data sheet.

Information for the doctor

Symptomatic treatment.
No information available.

SECTION 5: Fire fighting measures



Safety data sheet

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5.1 Extinguishing agents

The product is not flammable as delivered. Fire extinguishing agents and fire fighting measures are to be coordinated in accordance with the surrounding fire (water spray jet, dry chemical powder, carbon dioxide, alcohol-resistant foam).

5.2 Special hazards arising from the mixture

In case of fire, carbon monoxide, carbon dioxide and nitrogen oxide can be released.

5.3 Information for firefighting

In case of fire, wear a self-contained breathing apparatus if necessary.

SECTION 6: Accidental release measures

6.1 Personal safety precautions

6.1.1 Non-emergency personnel

Wear protective clothes, as described under section 8. Follow the instructions for safe handling, as described under section 7. Potential danger of slipping on leaked product.

6.1.2 Emergency personnel

Emergency plans are not required. However, respiratory protection is required in case of high dust exposure.

6.2 Environmental protection measures

Do not allow to enter the sewer, surface water or groundwater. Inform the competent authorities in case of contamination.

6.3 Procedures for cleaning

Absorb spilled product with liquid-binding material (such as sand, soil, diatomaceous earth, vermiculite) and dispose of according to the statutory provisions (see section 13).

6.4 Reference to other sections

Please note sections 7, 8 and 13 for further details.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Please follow the recommendations in section 8.

Wash hands before breaks and after work. Do not eat, drink or smoke while working. Avoid contact with skin and eyes. Wear protective clothes and safety goggles. Clean contaminated protective clothes and protective gloves before reuse.

7.2 Conditions for safe storage, including any incompatibilities:

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Store in original container. Carefully reseal opened containers. Protect from frost or direct sunlight. Keep out of reach of children.

SECTION 8: Limitation and monitoring of exposure/personal protective equipment

8.1 Control parameters

55965-84-9 Reaction mixture from: 5-Chloro-2-methyl-4-isothiazolin-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazolin-3-one [EC-no. 220-239-6] (3:1)

Threshold values	
MAK (Austria)	Long-term value: 0.05 mg/m ³

8.2 Exposure limitation and monitoring

8.2.1 Additional information about the design of technical facilities

Ensure good ventilation during processing.

8.2.2 General protective and hygienic measures

Do not eat, drink or smoke while working. Wash hands and, if applicable, shower, use skincare products before breaks and after work. Avoid contact with skin and eyes. Clean contaminated clothes, shoes, watches, etc. before reuse.

Skin protection / body protection



Preventive use of skincare products is recommended. Use nitrile rubber gloves (in accordance with the specifications of the EC-Directive 89/686/EWG). Breakthrough time 480 min. / Minimum thickness 0.11 mm Leather gloves are not suitable due to their water permeability.

Wear long-sleeved protective clothes (normal work clothes) and use skincare products during normal processing. The use of disposable coveralls is recommended during machine processing.

Facial/eye protection:



Wear protective goggles to protect from liquid splashes (provide eye showers). Use protective goggles with side guard according to EN 166.

Respiratory protection

Not necessary during manual processing. Ensure sufficient ventilation. Use particle filter P2 according to EN 143 during machine processing.

8.2.3 Environmental exposure limitation and monitoring

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Air

No special measures are required.

Water

Do not allow the product to enter groundwater or sewage system due to the preservatives contained therein. Inform the competent authorities in case of release.

Soil

Do not allow the product to enter the soil due to the preservatives contained therein. Inform the competent authorities in case of release.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance:	pasty
Aggregate state:	liquid
Colour:	depending on colour tint
Odour	characteristic
Odour threshold	unknown
pH-level:	approx. 8.0
Melting point:	not applicable
Boiling point:	not applicable
Flash point:	not applicable
Evaporation rate:	
Flammability	non-flammable
Upper/lower inflammability or explosion limits:	no data available.
Vapour pressure:	no data available.
Vapour density:	no data available.
Relative density	approx. 1.00 kg/dm ³ at room
Water solubility:	completely miscible
Distribution coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not auto-igniting
Decomposition	no data available.
Viscosity	approx. 25000 mPa*s
Explosive properties:	not explosive
Oxidizing properties:	not applicable

9.2 Other particulars

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

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No hazardous reactions are known.

10.2 Chemical stability

Stable under normal environmental conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are known.

10.4 Conditions to be avoided

Protect from frost and direct sunlight. Do not allow to enter the sewer, surface water or groundwater.

10.5 Intolerable materials

Strong acids and bases and strong oxidizing agents

10.6 Hazardous decomposition products

No formation of hazardous decomposition products in case of proper application and storage.

SECTION 11: Toxicological data

11.1 Information on toxicological effects

Hazard class	Cat.	Effect	Reference
Acute toxicity - dermal	—	Based on the available data, the classification criteria are not met.	—
Acute toxicity inhalation	—	Based on the available data, the classification criteria are not met.	—
Acute toxicity - oral	—	Based on the available data, the classification criteria are not met.	—
Caustic/irritant effect on the skin	—	Based on the available data, the classification criteria are not met.	—
Severe eye damage/irritation	—	Based on the available data, the classification criteria are not met.	—
Skin sensitisation	—	Based on the available data, the classification criteria are not met.	—
Respiratory tract sensitisation	—	Based on the available data, the classification criteria are not met.	—
Germ cell mutagenicity	—	Based on the available data, the classification criteria are not met.	—
Carcinogenicity	—	Based on the available data, the classification criteria are not met.	—
Reproductive toxicity	—	Based on the available data, the classification criteria are not met. No indications based on experiences on human beings	—

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Hazard class	Cat.	Effect	Reference
specific target organ Toxicity in case of one-time exposure	—	Based on the available data, the classification criteria are not met.	—
specific target organ Toxicity in case of repeated exposure	—	Based on the available data, the classification criteria are not met.	—
Aspiration hazard	—	Based on the available data, the classification criteria are not met.	—

Additional information

The product as such is not tested. The mixture is classified according to appendix I of Regulation (EC) 1272/2008 (section 2 and section 3).

SECTION 12: Environmental information

12.1 Toxicity

The product was not tested. The information is derived from the properties of the individual components.

12.2 Persistence and decomposability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in the soil

No data available.

12.5 Results of the PBT and vPvB assessment

The mixture does not contain components that are classified as persistent, bioaccumulative and toxic (PBT) or as very persistent, very bioaccumulative (vPvB).

12.6 Other harmful effects

Do not allow to enter the sewer, groundwater or other surface waters.

SECTION 13 Disposal instructions

13.1 Waste treatment process Disposal:

Dispose of partially emptied and non-consumed residual amounts as hazardous waste. Do not dispose of with household rubbish.

Fully cured product residues can be brought to the household and residual waste.

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To cure the product, open the container and leave outdoors or in well-ventilated areas.
Do not allow residues to enter the sewer system. Do not empty in the sink or WC.
Send completely emptied packaging properly for disposal.

ÖNORM S2100

55510 Waste based on plastic dispersions

European List of Waste Materials

08 01 12 Ink and lacquer waste with the exception of those that fall under 08 01 11

15 01 02 Packaging made from plastic

SECTION 14: Information on transport

14.1 UN-number

Not applicable

14.2 Proper UN shipping name

Not applicable

14.3 Transport hazard classes

Not applicable

14.4 Packaging group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for the user

Not applicable

14.7 Transport in bulk according to appendix II of the MARPOL Convention 73/78 and according to the IBC-Code

Not applicable

SECTION 15: Information on statutory regulations

15.1 Safety, health and environmental protection regulations/specific statutory regulations for the mixture

The product contains the following biocidal products to guarantee storage protection: a mixture from 5-Chloro-2-methyl-2H-isothiazolin-3-one and 2-Methyl-2H-isothiazolin-3-one (3:1) (see section 2)

VOC-content: <40 g/l (Directive 2004/42/EG)

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15.2 Chemical safety assessment

A chemical safety assessment was not performed.

SECTION 16: Other particulars

16.1 Changes compared to the previous version

16.2 Abbreviations and acronyms

ACGIH	American Conference of Industrial Hygienists
ADR/RID	European Agreements on the transport of Dangerous goods by Road/Railway
APF	Assigned protection factor (protection factor of respirators)
CAS	Chemical Abstracts Service
CLP	Classification, labelling and packaging (Regulation (EC) No. 1272/2008)
EC50	Half maximal effective concentration
ECHA	European Chemicals Agency
EINECS	European Inventory of Existing Commercial chemical Substances
EPA	Type of high efficiency air filter
HEPA	Type of high efficiency air filter
IATA	International Air Transport Association
IMDG	International agreement on the Maritime transport of Dangerous Goods
IUPAC	International Union of Pure and Applied Chemistry
LC50	Median lethal dose
MEASE	Metals estimation and assessment of substance exposure
PBT	Persistent, bioaccumulative and toxic
PROC	Process category/use category
REACH	Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) 1907/2006)
SDB	Safety data sheet
STOT	Specific target organ toxicity
TRGS	Technical Rules for Hazardous Substances
UVCB	Substances of Unknown or Variable composition, Complex reaction products or Biological materials
VCI	Verband der chemischen Industrie e.V.
VOC	Volatile organic compounds
vPvB	Very persistent, very bioaccumulative
VwVwS	Administrative Regulation on Substances Hazardous to Water

16.3 Literature references and data sources

16.4 Training tips

In addition to training programs for employees on the topics of health, safety and the environment, companies have to ensure that their employees read and understand the safety data sheet and can implement the requirements.

16.5 Disclaimer



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The information in this safety data sheet describes the safety requirements of our product and is based on the current level of our information available. It does not represent any guarantee of properties. Existing laws, regulations and rules, also those not mentioned in this data sheet must be complied with by recipients of our products at their own responsibility.

--- End of the safety data sheet ---

