

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BEECK Mattolin extra matt

Print date: 19.03.2018

Product code: FWB_B61

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
207-439-9	Calcium carbonate	10 - < 15 %
1317-65-3		
238-877-9	Talcum	10 - < 15 %
14807-96-6		
236-675-5	Titanium oxide	5 - < 10 %
13463-67-7		
220-239-6	2-Methyl-2H-isothiazol-3-one	< 0,01 %
2682-20-4	T - Toxic, C - Corrosive, Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R22-23/24-34-37-43-50 Acute Tox. 3, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, STOT SE 3, Aquatic Acute 1; H311 H331 H302 H314 H317 H335 H400	
220-120-9	1,2-Benzisothiazolin-3-one	< 0,005 %
2634-33-5	Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R22-38-41-43-50	
613-088-00-6	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	
247-761-7	2-Octyl-2H-isothiazol-3-one	< 0,003 %
26530-20-1	T - Toxic, C - Corrosive, Xn - Harmful, N - Dangerous for the environment R23/24-22-34-43-50-53	
613-112-00-5	Acute Tox. 3, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H331 H311 H302 H314 H317 H400 H410	

Full text of R, H and EUH phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Show this safety data sheet to the doctor in attendance. Never give anything by mouth to an unconscious person. Lay the affected person down and keep him still; If unconscious, place the person in the recovery position.

After inhalation

Move to fresh air. Lay the affected person down, and keep her or him warm and calm. If symptoms persist, call a physician. In case of irregular breathing or respiratory arrest: Oxygen or artificial respiration, if needed.

After contact with skin

Wash contaminated skin areas thoroughly with soap and water. Remove soiled clothing. Do not use solvents or thinners. If skin irritation persists, call a physician.

After contact with eyes

Rinse with plenty of water immediately, also under the eyelids, for at least 15 minutes. Consult an ophthalmologist.

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After ingestion

Do not induce vomiting without medical advice. In the event of spontaneous nausea and unconsciousness, keep the head back and bring the patient into the recovery position. Immediately give large quantities of water to drink. Lay the affected person down, and keep her or him warm and calm. Consult a physician.

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

nausea, vomiting, May cause eye/skin irritation.
Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.

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

Symptomatic treatment (decontamination and vital functions).

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

The product itself does not burn. Use extinguishing measures that are appropriate to the environment.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

The release of the following substances is possible in a fire: carbon dioxide (CO₂), carbon monoxide (CO), smoke, nitrogen oxides (NO_x).

The inhalation of hazardous decomposition products may cause serious health damage.

5.3. Advice for firefighters

Wear self-contained breathing apparatus for fire fighting, if necessary.

Additional information

Prevent extinguishing water used by the fire department, or any other forms of the diluted product, from ending up in surface water or drinking water reservoirs. Prevent product from entering drains.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to a safe area. Provide good ventilation. Do not breathe in vapours and mist. Use personal protective equipment.

Slipping hazard due to leakage. Avoid bringing product in contact with the skin.

6.2. Environmental precautions

May not end up in waste water or open waters. Entry into rivers or surface water is to be prevented by the erection of barriers made of sand or earth or by other suitable barriers. Contact the responsible authority immediately if the product ends up in the soil, a body of water, or the sewer system.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Dispose of as described in section 13. After cleaning, flush away traces with water.

6.4. Reference to other sections

See section 7, 8, 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Provide sufficient air exchange and/or exhaust in work rooms. Containers keep tightly closed. Avoid contact with skin and eyes.

The further treatment / removal of coatings by grinding, burning, etc. may create hazardous dust and/or vapour. Do not breathe vapours/dust.

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When using, do not eat, drink, or smoke.

Suitable protective equipment: See section 8.

Advice on protection against fire and explosion

The product is not flammable.

The product is not explosive.

Further information on handling

Comply with the health and safety at work laws. Handle, store and transport in compliance with local regulations and in labelled containers that are suitable for this product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in compliance with the local regulations. Store sealed in the original container.

Keep in a dry, cool place. Protect from freezing.

Advice on storage compatibility

Do not store near acids.

Further information on storage conditions

Smoking in the storage rooms is forbidden. Entry by unauthorized individuals is forbidden.

Keep at temperatures between 5°C and 25°C.

Already opened containers should be closed thoroughly and should be stored upright in order to prevent leakage.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7727-43-7	Barium sulphate, inhalable dust	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
14807-96-6	Talc respirable dust	-	1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. This can be achieved by local or space exhaust. If this is not sufficient, in order to hold the solvent vapour concentration lower than the occupational exposure limit an approved respiratory protection apparatus must be worn.

Protective and hygiene measures

Avoid contact with skin and eyes. Do not breathe in vapours or spray mist. Remove and wash contaminated clothing before re-use. Do not eat, drink, smoke or take snuff at work. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal food stuffs.

Eye/face protection

Safety glasses at risk of splashing. Safety glasses with side-shields.

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Hand protection

Protective gloves

The manufacturer recommends the following glove materials: PVC- or rubber gloves.

Safety gloves should be selected for the actual conditions of use and in accordance with the instructions for use provided by the manufacturer.

Preventive skin protection: skin protection cream.

Skin protection

Standard work clothing

Respiratory protection

When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.

Environmental exposure controls

Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	white / various, depending on colouring
Odour:	mild

pH-Value (at 20 °C):

Test method
9

Changes in the physical state

Flash point: not applicable DIN 51755

Lower explosion limits:

Upper explosion limits:

Oxidizing properties

The product is not flammable.

Density (at 20 °C): 1,43 g/cm³

Viscosity / dynamic: 6000 mPa·s ISO 2555

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under proper storage and handling. See section 7.

10.3. Possibility of hazardous reactions

No dangerous reactions occur under normal storage conditions and in normal use. Does not polymerize.

10.4. Conditions to avoid

None under normal use.

10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

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10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data is available on the product itself.

Acute toxicity

No data is available on the product itself.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
1317-65-3	Calcium carbonate				
	oral	LD50	> 5000 mg/kg	rat	
13463-67-7	Titanium oxide				
	oral	LD50	>5000 mg/kg	rat	OECD 425
	dermal	LD50	>5000 mg/kg	rabbit	
	inhalative (4 h) aerosol	LC50	>6,8 mg/l	rat	
2682-20-4	2-Methyl-2H-isothiazol-3-one				
	oral	ATE	500 mg/kg		
	dermal	ATE	300 mg/kg		
	inhalative vapour	ATE	3 mg/l		
	inhalative aerosol	ATE	0,5 mg/l		
2634-33-5	1,2-Benzisothiazolin-3-one				
	oral	ATE	500 mg/kg		
26530-20-1	2-Octyl-2H-isothiazol-3-one				
	oral	ATE	500 mg/kg		
	dermal	ATE	300 mg/kg		
	inhalative vapour	ATE	3 mg/l		
	inhalative aerosol	ATE	0,5 mg/l		

Irritation and corrosivity

May cause eye/skin irritation.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Sensitising effects

Repeated contact may cause allergic reactions in very susceptible persons.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself.

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CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
1317-65-3	Calcium carbonate					
	Acute fish toxicity	LC50	>10000 mg/l	96 h	Rainbow trout (Oncorhynchus mykiss)	
	Acute algae toxicity	ErC50	>200 mg/l	72 h	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50	>1000 mg/l	48 h	Daphnia magna	
13463-67-7	Titanium oxide					
	Acute fish toxicity	LC50	>1000 mg/l	96 h	Pimephales promelas	
	Acute algae toxicity	ErC50	16 mg/l		Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna	OECD 202
26530-20-1	2-Octyl-2H-isothiazol-3-one					
	Acute fish toxicity	LC50	0,036 mg/l	96 h		
	Acute algae toxicity	ErC50	0,084 mg/l	72 h		
	Acute crustacea toxicity	EC50	0,42 mg/l	48 h		

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Further information

Even biologically degradable natural substances may pollute water. May not end up in waste water or open waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Disposal in accordance with the official regulations.

Do not flush into surface water or sanitary sewer system. Offer surplus and non-recyclable solutions to a licensed disposal company.

Waste disposal number of waste from residues/unused products

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

Waste disposal number of used product

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

Waste disposal number of contaminated packaging

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150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Suitable cleaning agents: Water resp. soapy water.

Packaging can be sent for recycling after being emptied and cleaned. If recycling is not practicable, dispose of in compliance with the official regulations and the Environmental Protection (Duty of Care) Regulations 1991.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: not regulated

14.2. UN proper shipping name: not regulated

14.3. Transport hazard class(es): not regulated

14.4. Packing group: not regulated

Other applicable information (land transport)

Not classified as dangerous regarding transport regulations.

Inland waterways transport (ADN)

14.1. UN number: not regulated

14.2. UN proper shipping name: not regulated

14.3. Transport hazard class(es): not regulated

14.4. Packing group: not regulated

Other applicable information (inland waterways transport)

Not classified as dangerous regarding transport regulations.

Marine transport (IMDG)

14.1. UN number: not restricted

14.2. UN proper shipping name: not restricted

14.3. Transport hazard class(es): not restricted

14.4. Packing group: n.d.a.

Other applicable information (marine transport)

Not classified as dangerous regarding transport regulations.

Air transport (ICAO)

14.1. UN number: not restricted

14.2. UN proper shipping name: not restricted

14.3. Transport hazard class(es): not restricted

14.4. Packing group: n.d.a.

Other applicable information (air transport)

Not classified as dangerous regarding transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available.

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2004/42/EC (VOC): The EU limit value for this product (product category: II.A a, Wb) in ready to use form is max 30 g/litre of VOC. The VOC content of this product in ready to use form is max 5 g/l

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

n.a. = not applicable
n.d. = not determined
n.d.a. = no data available

Relevant R phrases (number and full text)

22 Harmful if swallowed.
23/24 Toxic by inhalation and in contact with skin.
34 Causes burns.
37 Irritating to respiratory system.
38 Irritating to skin.
41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.
50 Very toxic to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH210 Safety data sheet available on request.

Further Information

The information is based on present levels of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The product is to be used exclusively for the applications named in the technical data sheet or in the processing instructions.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

n.a. = not applicable
n.d. = not determined
n.d.a. = No data available.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)