Safety Data Sheet

according to Regulation (EC) No 1907/2006

BEECK Kasolit coarse

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

1.1. Product identifier

BEECK Kasolit coarse

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

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

1.3. Details of the supplier of the safety data sheet

Company name:	BEECK'SCHE FARBWERKE GmbH		
Street:	Gottlieb-Daimler-Strasse 4		
Place:	D-89150 Laichingen		
Telephone:	+49 (0) 7333 / 9607-11	Telefax:	+49 (0) 7333 / 9607-10
e-mail:	info@beeck.com		
Contact person:	Ralf Rieks	Telephone:	+49 (0) 7333 / 9607-14
e-mail:	Ralf.Rieks@beeck.com		
Internet:	www.beeck.com		
Responsible Department:	Factory Laichingen, Gottlieb-Daimler-Str. 4, D-89150 Laichingen Tel. +49(0)7333/9607-11 Fax: +49(0)7333/9607-10 Mo-Fr: 8.00 -16.00 hour		

1.4. Emergency telephone number:

United Kingdom +44 870 600 626 / 0870 600 6266
GBK Gefahrgut Büro GmbH
+49(0)6132/84463

Further Information

No more data.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Precautionary statements

P102	Keep out of reach of children.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves.

Special labelling of certain mixtures

EUH208	Contains 1,2-Benzisothiazolin-3-one, 2-Octyl-2H-isothiazol-3-one . May produce an allergic reaction.
EUH210	Safety data sheet available on request.

2.3. Other hazards

May cause sensitisation of susceptible persons.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Water: 50 - 60%

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		
238-877-9	Talcum	15 - < 20 %
14807-96-6		
236-675-5	Titanium oxide	10 - < 15 %
13463-67-7		

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. Remove contact lenses after the first 1 - 2 minutes and continue flushing.
Consult an ophthalmologist immediately.

After ingestion

Immediately give large quantities of water to drink. Do not induce vomiting.
In the event of spontaneous nausea and unconsciousness, keep the head back and bring the patient into the recovery position. Keep the respiratory tract open, prevent aspiration. 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

May cause eye/skin irritation.
nausea, vomiting, cough, shortness of breath, abdominal pain.

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

Symptomatic treatment (decontamination and vital functions).
If necessary, contact poisson centre.

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 (CO_2), carbon monoxide (CO), smoke, nitrogen oxides (NO_x).

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

5.3. Advice for firefighters

Do not breathe in the vapours and combustion gases. Wear self-contained breathing apparatus for fire fighting, if necessary.

Additional information

The combustion gases are partially condensed with the water used to extinguish the fire and end up as a contaminant in this water.

Do not let product enter 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 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. 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/m³	fibres/ml	Category	Origin
9004-34-6	Cellulose (pure), 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.
Eye wash.

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

Impervious clothing, boots, apron, protective gloves.
Take off all contaminated clothing immediately. Wash contaminated skin areas thoroughly with soap and water.

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, pasty
Colour:	white
Odour:	mild

		Test method
pH-Value:	9	ISO 4316

Changes in the physical state

Melting point:	No data available.
Initial boiling point and boiling range:	No data available.
Sublimation point:	No data available.
Softening point:	No data available.
Pour point:	No data available.
Flash point:	not applicable

Explosive properties

No data available.

Lower explosion limits:	No data available.
Upper explosion limits:	No data available.

Auto-ignition temperature

Solid:	No data available.
Gas:	No data available.
Decomposition temperature:	No data available.
Vapour pressure:	No data available.
Density:	1,57 g/cm³
Water solubility:	No data available.

Solubility in other solvents

No data available.

Partition coefficient:	No data available.	
Viscosity / dynamic:	9000 mPa·s	ISO 2555
Viscosity / kinematic:	No data available.	
Vapour density:	No data available.	
Evaporation rate:	No data available.	

9.2. Other information

Solid content:	No data available.

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under proper storage and handling.

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

strong oxidizers; strong acids

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

No data is available on the product itself.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
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	

Irritation and corrosivity

No data available.

Sensitising effects

No data available.

STOT-single exposure

No data available.

Severe effects after repeated or prolonged exposure

No data available.

Carcinogenic/mutagenic/toxic effects for reproduction

No data available.

Aspiration hazard

No data available.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] | [d]	Species	Source
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

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

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

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

Contaminated packaging

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

14.3. Transport hazard class(es): not regulated

14.4. Packing group: not regulated

Hazard label:	n.d.a.
Classification code:	n.d.a.
Special Provisions:	n.d.a.
Limited quantity:	n.d.a.
Transport category:	n.d.a.
Hazard No:	-
Tunnel restriction code:	n.d.a.

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
Hazard label:	n.d.a.
Classification code:	n.d.a.
Special Provisions:	n.d.a.
Limited quantity:	n.d.a.

Other applicable information (inland waterways transport)

Not classified as dangerous regarding transport regulations.

Marine transport (IMDG)

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:	n.d.a.
Hazard label:	n.d.a.
Marine pollutant:	n.d.a
Special Provisions:	n.d.a.
Limited quantity:	n.d.a.
Excepted quantity:	n.d.a.
EmS:	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.

Hazard label: n.d.a.

Special Provisions: n.d.a.
Limited quantity Passenger: n.d.a.
Passenger LQ: n.d.a.
Excepted quantity: n.d.a.

IATA-packing instructions - Passenger: n.d.a.
IATA-max. quantity - Passenger: n.d.a.
IATA-packing instructions - Cargo: n.d.a.
IATA-max. quantity - Cargo: n.d.a.

Other applicable information (air transport)

Not classified as dangerous regarding transport regulations.

Danger releasing substance: n.d.a.

14.6. Special precautions for user

not applicable

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

not applicable

Other applicable information

None.

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 12 g/l

Additional information

No Substances of Very High Concern (SVHC) according REACH Articel 57.

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 H- and EUH-phrases (Number and full text)

EUH208 Contains 1,2-Benzisothiazolin-3-one, 2-Octyl-2H-isothiazol-3-one . May produce an allergic reaction.
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.

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