

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II and Regulation (EU) 2015/830



Product identifier: **Knauf Fill & Finish // Knauf Super Finish**
Version: 1.00/EN

Date of compilation: 04.12.2020

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

1.1. Product identifier

Knauf Fill & Finish //
Knauf Super Finish

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

Ready-to-use putty.

1.3. Details of the supplier of the safety data sheet

Manufacturer: SIA Knauf
Company register No: LV40003219730
Manufacturer's address: Daugavas iela 4, Stopiņu nov., Saurieši, LV-2118, Latvija
Telephone / fax: +371 67032999 / +371 67032969
E-mail: info@knauf.lv
Web site: www.knauf.lv
Person responsible for this SDS: info@knauf.lv

1.4. Emergency telephone number

European Emergency No: 112
Centre of Poisoning and Drug Information, Latvia: +371 67042473 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008:

Mixture classification: None.
Physical and chemical hazards: The mixture does not meet the criteria for classification.
Human health hazards: The mixture does not meet the criteria for classification.
Environmental hazards: The mixture does not meet the criteria for classification.

2.2. Label elements

According to Regulation (EC) No 1272/2008:

Hazard pictograms: Not necessary.
Signal word: Not necessary.
Hazard statements: Not necessary.
Supplemental hazard information: Not necessary.
Precautionary statements:
General: Not necessary.
Prevention: Not necessary.
Response: Not necessary.
Storage: Not necessary.
Disposal: Not necessary.

The identity of substances that contribute to the classification: Not applicable.

Supplemental label elements: EUH208 Contains 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

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May produce an allergic reaction.

Treated article according to Regulation (EU) No 528/2012 to ensure the shelf life.
Contains preservatives.

Packaging to be fitted with child-resistant fastenings: Not necessary.

Packaging to be fitted with a tactile warning: Not necessary.

2.3. Other hazards

PBT or vPvB criteria: The mixture does not contain any substances that are assessed to be a PBT or a vPvB in accordance with Annex XIII of the Regulation (EC) 1907/2006.

Other hazards which do not result in classification: This product is not expected to produce any unusual hazards during normal use. However, during sanding dust is released into the atmosphere. Exposure to high dust levels may irritate the skin, eyes, nose, throat, or upper respiratory tract. Ensure adequate ventilation and avoid breathing excessive dust. Knauf does not add crystalline silica or quartz to this product. However, some of the naturally occurring minerals used in this product may contain trace amounts of this mineral.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

Chemical characterisation: *Knauf Fill & Finish:*
Mixture of calcium carbonate, perlite, polymer water dispersion and additives.
Knauf Super Finish:
Mixture of calcium carbonate, polymer water dispersion and additives.

Ingredients declaration according to Regulation (EC) No 1272/2008:

The mixture contains no dangerous substances exceeding the limits of the EU Regulation.

Workplace exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Handle in accordance with good industrial hygiene and safety practice.

Inhalation: Take affected persons into fresh air and keep at rest.
Seek medical treatment in case of complaints.

Skin contact: Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

Eye contact: Rinse opened eye for several minutes under running water.
If symptoms persist, consult a doctor.

Ingestion: Rinse out mouth.
Do not induce vomiting without medical advice.
Call for a doctor immediately.

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

Eye contact: Dust contact with eyes can lead to mechanical irritation.
Eye contact may provoke the following symptoms: redness, superficial burning sensation, itching, and pain.

Skin contact: May produce an allergic reaction.

Inhalation: During application no adverse effects are expected.
However, dust is generated during sanding.
See subsection 2.3.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

Notes to physician: Perform symptomatic treatment to alleviate any effects.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water. Use extinguishing measures that is appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: Water with full jet.

5.2. Special hazards arising from the substance or mixture

Hazardous thermal decomposition products: The product is not flammable.

5.3. Advice for firefighters

Special firefighting methods: Not relevant to this product.
Protective equipment for firefighters: Wear personal protective equipment.
Wear self-contained respiratory protective device.

Other information:

Dispose of contaminated extinguishing water and combustion residues in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Do not perform any actions, which may cause any personal risk or without appropriate training.
For emergency responders: Wear protective clothing. Ensure adequate ventilation.
Avoid contact with skin and eyes.
Warning - particular danger of slipping on leaked/spilled product!

6.2. Environmental precautions

Do not allow to enter sewers / surface or ground water.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Absorb liquid components with liquid-binding material.
Dispose of the material collected according to regulations.

6.4. Reference to other sections

Note: see section 1 for contact information at emergency situation, for personal protective equipment and for waste disposal – see sections 8 and 13 respectively.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation / exhaustion at the workplace.
Avoid breathing dust during sanding. Avoid contact with the eyes and skin.
Handle in accordance with good industrial hygiene and safety practice.
Information about fire and explosion protection: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a cool, dry and well-ventilated place.
Do not store together with acids.
Protect from heat and direct sunlight. Protect from frost.

7.3. Specific end use(s)

Use as ready-to-use putty.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Occupational exposure limit values:	Substance	Union workplace exposure limits	Latvian Cabinet Regulations No 325, mg/m ³
	Limestone * (calcium carbonate) CAS 1317-65-3	--	6 (dust) (8 h)
	Perlite *, ** CAS 93763-70-3	--	4 (dust) (8 h) (Silicates and aluminosilicates: glassy silicates of volcanic origin (tuff, pumice, perlite))
	Silica, crystalline, quartz * CAS 14808-60-7	0.1 (8 h) ((EU) 2017/2398)	1 (dust) (8 h) (Silica, crystalline)

* - Ingredient dust can only enter the air of the work environment by sanding or otherwise crushing an already hardened product.

** - *Knauf Super Finish does not contain perlite.*

8.2. Exposure controls

Appropriate engineering controls: Ensure adequate ventilation. Avoid dust formation.

Personal protective equipment:

Respiratory protection: Wear a suitable dust mask if dust develops.
In case of insufficient ventilation wear suitable respiratory equipment.
For example dust mask (EN 149) or respirator with particle filter (EN 143) with P2 or P3.

Skin protection:

Hand protection: Use chemical resistant gloves (EN 374).
In addition to gloves barrier creams may help to protect the exposed areas of skin. However, they should not be applied once exposure has occurred.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Body protection: Wear work clothes.
Avoid contact with skin.

Eye/face protection: Wear safety glasses. Use safety glasses with protective side shields in case of product splashes (EN 166).
In case of excessive dust during sanding wear suitable goggles (EN 166).

Hygiene measures: Avoid contact with the eyes and skin.
Remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.

Environmental exposure controls: Do not allow product to reach surface waters.
See also sections 6 and 12.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	<u>Knauf Fill & Finish</u>	<u>Knauf Super Finish</u>
Physical state:	Paste	Paste
Colour:	Cream coloured. White (or yellow if tinted).	From white to whitish. Light yellow if tinted.
Odour:	Mild odour, odourless.	Mild odour, odourless.
Odour threshold:	Not determined.	Not determined.
pH:	7 - 9	7 - 9
Melting point/freezing point:	Not determined.	Not determined.
Initial boiling point and boiling range:	100 °C	100 °C
Flash point:	Not applicable.	Not applicable.

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Evaporation rate:	Not applicable.	Not applicable.
Flammability (solid, gas):	Not determined.	Not determined.
Upper/lower flammability or explosive limits:	Not determined.	Not determined.
Vapour pressure:	Not applicable.	Not applicable.
Vapour density:	Not applicable.	Not applicable.
Density:	1,0 - 1,2 g/cm ³ (20 °C)	1,4 - 2 kg/l (bulk density)
Solubility(ies):	Miscible with water: 55 - 75 g / 100 g	In water: 0,15 g/100 g
Partition coefficient: n-octanol/water:	Not applicable.	Not applicable.
Auto-ignition temperature:	Product is not self igniting.	Product is not self igniting.
Decomposition temperature:	Not determined.	175 °C
Viscosity:	Viscous paste	Viscous paste
Explosive properties:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
Oxidising properties:	Not applicable.	Not applicable.

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactions are expected under normal conditions of use and storage.

10.2. Chemical stability

Stable under conditions of proper use and storage.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Excessive heat and freezing.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

Above 750 °C or during the reaction with acids calcium carbonate decomposes with the formation of carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	The mixture does not meet the criteria for classification.
Skin corrosion/irritation:	The mixture does not meet the criteria for classification.
Serious eye damage/irritation:	The mixture does not meet the criteria for classification.
Respiratory or skin sensitisation:	The mixture does not meet the criteria for classification. Contains 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
Germ cell mutagenicity:	The mixture does not meet the criteria for classification.
Carcinogenicity:	The mixture does not meet the criteria for classification.
Reproductive toxicity:	The mixture does not meet the criteria for classification.

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Specific target organ toxicity (STOT):

Single exposure (STOT SE): The mixture does not meet the criteria for classification.

Repeated exposure (STOT RE): The mixture does not meet the criteria for classification.

Aspiration hazard: The mixture does not meet the criteria for classification.

Information on likely routes of exposure:

May act on the organism through contact with skin, eye and mucous membranes, by swallowing, and in the case of sanding of hardened product, by inhalation.

Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact: Dust contact with eyes can lead to mechanical irritation.
Eye contact may provoke the following symptoms: redness, superficial burning sensation, itching, and pain.

Skin contact: May produce an allergic reaction.

Inhalation: During application no adverse effects are expected.
However, dust is generated during sanding.
See subsection 2.3.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

No data available.

Practical observations:

No data available.

Other information: According our present knowledge and experience with handling the product properly and according to recommendations any hazardous effects on human health are not anticipated.

SECTION 12: Ecological information

12.1. Toxicity

In the aquatic environment: No relevant information available.

12.2. Persistence and degradability

No relevant information available.

12.3. Bioaccumulative potential

No relevant information available.

12.4. Mobility in soil

Miscible with water.

No adverse effects are expected.

12.5. Results of PBT and vPvB assessment

Does not apply to the product.

12.6. Other adverse effects

No relevant information available.

Other information:

Do not allow even small quantities of product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product wastes and emptied packaging should be disposed in safe way according to local regulations.

The following information relates to the product as supplied or one that is used in construction and is included in construction waste of class 170904.

Different uses of the product, such as mixing with other materials, can significantly affect the waste classification and the appropriate disposal method.

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Waste classification:

Product: Groups: 0804 Wastes from the manufacture, formulation, supply and use of adhesives and sealants (including waterproofing products);
1709 Other construction and demolition waste.
Classes:
080409 waste adhesives and sealants containing organic solvents or other dangerous substances;
170904 Mixed construction and demolition wastes other than those mentioned in 170901, 170902 and 170903.
In accordance with Regulation (EU) No 1357/2014 is considered as **non-hazardous** waste.
As far as possible, send the residues for recycling.
Dried material can be disposed of with household waste.

Packaging: Group: 1501 Packaging (including separately collected municipal packaging waste).
Class: 150110 Packaging containing residues of or contaminated by dangerous substances.
Empty contaminated packaging thoroughly.
They may be recycled after thorough and proper cleaning.

Recommended cleansing agents: Water

SECTION 14: Transport information

14.1. UN number

Not classified.

14.2. UN proper shipping name

Not classified.

14.3. Transport hazard class(es)

Not classified.

14.4. Packing group

Not classified.

14.5. Environmental hazards

Not classified.

14.6. Special precautions for user

Not necessary.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Other information:

Non-dangerous goods according to international transport regulations.

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

Commission Regulation (EU) No 1357/2014 of 18 December 2014 replacing Annex III to Directive 2008/98/EC of the European Parliament and of the Council on waste and repealing certain Directives

Republic of Latvia, Cabinet Regulation No 302 Adopted 19 April 2011 "Regulations About Waste Classifier and Properties, Which Makes Wastes Hazardous"

Republic of Latvia, Cabinet Regulation No 325 Adopted 15 May 2007 "Labour Safety Requirements in Contact with Chemical Substances at Work Places"

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15.2. Chemical safety assessment

A chemical safety assessment has not been performed for this mixture.
This is not required for this mixture under REACH.

SECTION 16: Other information

Abbreviations:

PBT - persistent, bioaccumulative and toxic (substance)
vPvB - very persistent and very bioaccumulative (substance)

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008:

<u>Classification:</u>	<u>Classification procedure:</u>
Not classified.	Calculation method.

Key sources for data:

Raw material suppliers' safety data sheets.

Information about safety data sheet revision:

None - edition is new.

Company issuing safety data sheet:

This safety data sheet is prepared in SIA Knauf.

Reference and information: Māris Bērziņš, E-mail: marisddl@gmail.com, phone: +371 28344602

Disclaimer:

The information provided in this Safety Data Sheet is based on the manufacturer's data and is correct to the best of the knowledge, but does not purport to be all-inclusive and shall be used only as a guide.

Employers should use this information only as supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

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