

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II and Regulation (EU) 2020/878



Product identifier: **Knauf T-Grund Universal**

Version: 1.00/EN

Date of compilation: 15.06.2023

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

1.1. Product identifier

Knauf T-Grund Universal

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

Water dispersion primer.

Relevant identified uses:	Main use category:	Consumer use, professional use.
	Use of the substance/mixture:	Water dispersion primer.
Uses advised against:	No additional information available.	

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

European Emergency No: 112

Centre of Poisoning and Drug Information, Latvia: +371 67042473 (24 h)

Note for translators:

Please put there contact information of particular EU Member State National Poisons Information Centre.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008:

Mixture classification:	Not classified.
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.
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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). May produce an allergic reaction. Treated article according to Regulation (EU) No 528/2012 to ensure the stability and shelf life. Contains preservatives. VOC: EU limit value for this product (cat. A/h): 30 g/l This product contains: < 30 g/l VOC
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, vPvB, SVHC or ED criteria:	The mixture does not contain any ingredients: - which meet the PBT or vPvB criteria as laid down in Annex XIII to Regulation (EC) No 1907/2006, - or which were included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, - or which were identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, at a concentration equal to or greater than 0.1 % by weight.
Other hazards which do not result in classification:	None, if used properly.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterisation: A mixture of styrene-acrylate copolymer water dispersion, preservative and additives.

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:	Take off immediately all contaminated clothing and shoes that may cause / already cause skin contact with the product. Emergency medical attention is required when there is: - unconsciousness, - stopping breathing or sudden breathing problems, - has severe injury or severe bleeding that is life-threatening, - signs of a heart attack (sudden pain behind the sternum), - signs of a stroke (sudden weakness of one side), - other life-threatening situations . See also: https://www.nmpd.gov.lv/lv/kad-zvanit-113 . After first aid, monitor the condition of the affected persons. Delayed effects after exposure are possible (an allergic reaction). In case of accident, seek medical advice immediately. In all cases of doubt, or when symptoms persist, seek medical attention. If unconscious, place in recovery position and get medical attention immediately. Wash contaminated clothing before reuse, clean shoes or discard them.
Inhalation:	No special measures required.
Skin contact:	Wash off with water and soap.
Eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Ingestion:	Rinse out mouth and then drink plenty of water. Seek medical treatment.
Protection of first - aiders:	Do not perform any actions, which may cause any personal risk, or without appropriate training. Protect yourself by providing help! If necessary, use appropriate personal protective equipment. See also section 8.

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

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Eye contact:	No further relevant information available.
Skin contact:	May produce an allergic reaction.
Inhalation:	No further relevant information available.
Ingestion:	No further relevant information available.

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

Notes to physician:	No further relevant information available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Product itself does not burn. Use extinguishing media according to situation and surrounding materials.
Unsuitable extinguishing media:	Not relevant to this product. Do not use extinguishing media unsuitable for surrounding materials.

5.2. Special hazards arising from the substance or mixture:

Hazardous thermal decomposition products:	The product is not flammable. No further relevant information available.
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5.3. Advice for firefighters

Special firefighting methods:	Not relevant to this product.
Protective equipment for firefighters:	Not relevant to this product. No special measures required.

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:	Warning - particular danger of slipping on leaked/spilled product!

6.2. Environmental precautions

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

6.3. Methods and material for containment and cleaning up

Take up using liquid-absorbent materials (e.g. kieselguhr).
Contaminated areas should be rinsed thoroughly with water.

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

No special measures required.	
Information about fire and explosion protection: No special measures required.	
Advice on general occupational hygiene:	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when handling the product. Wash hands after use. Take off contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Protect from frost.

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7.3. Specific end use(s)

Use as water dispersion primer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:	Not regulated. <i>Note:</i> Please refer to your National occupational exposure limits, if applicable.
Biological limit values:	Not applicable.
Recommended monitoring procedures:	<i>In household conditions:</i> Not applicable. <i>Working in professional / industrial conditions:</i> The product contains dangerous substances (preservatives) for which no occupational exposure limits have been established. Employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.
Control banding recommendations:	None.

8.2. Exposure controls

Appropriate engineering controls:	No special measures required. See also section 7.
Personal protective equipment:	
Respiratory protection:	Not required.
Skin protection:	
Hand protection:	Wear protective gloves if exposed to prolonged or repeated contact (EN 374). It is recommended that persons with very sensitive hands wear gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. 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. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Body protection:	Protective work clothing.
Eye/face protection:	In case of product splashes use protective glasses (EN 166).
Thermal hazards:	Not applicable.
Hygiene measures:	Wash hands before breaks and at the end of work. Avoid close or long term contact with the skin. Avoid contact with the eyes.
Environmental exposure controls:	Do not enter the product into groundwater or surface water. See also sections 6 and 12.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	White
Odour:	Weak
Odour threshold:	Not specified.

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pH:	~ 8
Melting point/freezing point:	0 °C (water)
Boiling point or initial boiling point and boiling range:	100 °C (water)
Flash point:	Not applicable.
Flammability:	Not applicable.
Lower and upper explosion limit:	Not applicable.
Vapour pressure:	23 hPa at 20 °C (water)
Relative vapour density:	As water.
Density and/or relative density:	1.0 g/cm ³ (21 °C)
Solubility:	Fully miscible with water.
Partition coefficient n-octanol/water (log value):	No data available.
Auto-ignition temperature:	Product is not self igniting.
Decomposition temperature:	No data available.
Kinematic viscosity:	~ 12 cP (dynamic viscosity)

9.2. Other information

Information with regard to physical hazard classes:	Not relevant.
Other safety characteristics:	
Evaporation rate:	As water
Explosive properties:	Product does not present an explosion hazard.
Oxidising properties:	Not applicable.
Volatile organic compounds (VOC):	< 30 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No decomposition if used and stored according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Protect from heat, direct sunlight and freezing.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Does not occur under normal conditions of handling, use and storage.
Hazardous combustion products, if identified, are listed in section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:	Based on available data, the mixture does not meet the criteria for classification.
Skin corrosion/irritation:	Based on available data, the mixture does not meet the criteria for classification.
Serious eye damage/irritation:	Based on available data, the mixture does not meet the criteria for classification.
Respiratory or skin sensitisation:	Based on available data, 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.

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Germ cell mutagenicity: Based on available data, the mixture does not meet the criteria for classification.

Carcinogenicity: Based on available data, the mixture does not meet the criteria for classification.

Reproductive toxicity: Based on available data, the mixture does not meet the criteria for classification.

Specific target organ toxicity (STOT):

Single exposure (STOT SE): Based on available data, the mixture does not meet the criteria for classification.

Repeated exposure (STOT RE): Based on available data, the mixture does not meet the criteria for classification.

Aspiration hazard: Based on available data, the mixture does not meet the criteria for classification.

Information on likely routes of exposure:

May act on the organism by inhalation, contact with skin, eye and mucous membranes and, if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact: No further relevant information available.

Skin contact: May produce an allergic reaction.

Inhalation: No further relevant information available.

Ingestion: No further relevant information available.

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

No data available.

Practical observations:

No data available.

11.2. Information on other hazards

Endocrine disrupting properties: The mixture does not contain any ingredients:
- which were included in the list established in accordance with Article 59(1) for having endocrine disrupting properties,
- or which were identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605,
at a concentration equal to or greater than 0.1 % by weight.

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: Based on available data, the mixture does not meet the criteria for classification.

Ecotoxicity: No data available. *Note:* Observe local sewage regulations.

12.2. Persistence and degradability

By means of abiotic processes, e.g. absorption on the activated sludge, the product can be largely eliminated from the water.

The product must not be discharged in water bodies without prior treatment (biological clarification plant).

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

Not applicable to the product.

12.6. Endocrine disrupting properties:

The mixture does not contain any ingredients:
- which were included in the list established in accordance with Article 59(1) for having endocrine disrupting properties,
- or which were identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605,
at a concentration equal to or greater than 0.1 % by weight.

12.7. Other adverse effects

No further relevant information available.

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Other information:

If small concentrations are properly introduced to adapted, biological clarification plants, disorders due to the degradation activity on the activated sludge are not to be expected.
Do not allow undiluted product or large quantities of it 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.

Waste classification:

Product:	Group: 0801 Wastes from the manufacture, formulation, supply and use and removal of paint and varnish. Class: 080119 aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances. In accordance with Regulation (EU) No 1357/2014 is considered as non-hazardous waste. 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

Other information:

Do not allow product to reach water bodies or soil.
The product hardens slowly on evaporation of the water it contains, and its residues / waste, if left in open (tightly unsealed) waste containers for a long time, may make them difficult to clean or unusable.
Do not empty into drains and store in waterproof waste bags in a container rented / delivered by the waste collection company until disposal.

SECTION 14: Transport information

14.1. UN number or ID 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

Follow the instructions in sections 7 and 8.

Transport within user's premises:	Always transport in closed packaging, in an upright position, in a safe manner. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
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14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other information:

Non-dangerous goods according to international transport regulations (ADR, IMDG, IATA).

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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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning 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

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

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

Directive 2004/42/EC of The European Parliament and of The Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC

Republic of Latvia, Cabinet Regulation No. 231 Adopted 3 April 2007 "Regulations Regarding the Limitation of Emissions of Volatile Organic Compounds From Certain Products"

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"

Note: Please refer also to your National regulations/legislation!

15.2. Chemical safety assessment

Chemical safety assessment for this mixture is not intended.

Other information:

REACH annexes:

Annex XIV:

Not applicable.

Annex XVII:

Not applicable.

Regulation 649/2015/EU:

Not applicable.

Regulation 1005/2009/EC:

Not applicable.

Regulation 850/2004/EC:

Not applicable.

Seveso III, Directive 2012/18/EU:

Not applicable.

SECTION 16: Other information

Recommendations for training:

In accordance with Article 35 of the REACH Regulation: „Workers and their representatives shall be granted access by their employer to the information provided in accordance with Articles 31 and 32 in relation to substances or mixtures that they use or may be exposed to in the course of their work.“

Staff working with this product should be trained about the possible risks of personal protective equipment and first aid. All first aid instructions must be in accordance with safety, health and environmental regulations. Observe all safety and hygiene requirements for handling chemicals. Written first aid instructions must be freely available at the workplace.

Abbreviations:

PBT - persistent, bioaccumulative and toxic (substance)

vPvB - very persistent and very bioaccumulative (substance)

SVHC - substances of very high concern

ED - endocrine disruptive (substances with endocrine disrupting properties)

IMO - International Maritime Organization

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG - International Maritime Code for Dangerous Goods

IATA - International Air Transport Association

VOC - volatile organic compounds

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

Classification:

Classification procedure:

Not classified.

Calculation method.

Key literature references and sources for data:

Raw material suppliers' safety data sheets.

The European Chemicals Agency (ECHA) database and information system

Information about safety data sheet revision:

Version No

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Initial edition.

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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:

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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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