

MATERIAL SAFETY DATA SHEET

In accordance with the EC REACH Regulation No. 1907/2006 and No. 453/2010 Classified and labelled in accordance with EC regulation No. 1272/2008 (CLP).

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING		Hazard pictog	Hazard pictograms				
1.1 Product identifier Trade name					₩ ₩	•	
Trade name					•	•	
			Signal word:		Caution		
Naks-1	Fiiberbetoon NAKS FB						
Naks-2	Tellisesiler NAKS TT		Hazard stater	ments			
Naks-3	Kiviliim NAKS M20		H315		Causes skin irrita		
Müürisegu NAKS M100	Plokiliim NAKS PL5 Betoon C30		H318		Causes serious		
Müürisegu NAKS M200			H335		May cause respi	ratory irritation.	
Jootebetoon NAKS JC55	Tordex-1						
Jootebetoon NAKS JC70	Kiirbetoon KB		Precautionary	/			
Naks-5 Lubikrohv NAKS LK1	UniTherm 3 Lubi-Tsementsegu		statements P102		Keep out of read	h of children	
Kergkrohv SILER LIGHT	Lubi-Tsementsegu		P261		Avoid breathing		
Reighton Cizza zioni		ı	P280		•		ning/eye protection/face
			1 200		protection.	gioves/protective cioti	iiig/eye protection/lace
			P301/310		IF SWALLOWED	D: Immediately call a P	POISON CENTER/doctor.
			P305/351/338	3		se cautiously with wate f present and easy to c	er for several minutes. Redo. Continue rinsing.
			2.3. Other ha PBT/vPvB	ızards	Not relevant		
			SECTION 3	. COMPOS	ITION/INFORM	ATION ON INGRED	DIENTS
Product type: cement-based construction material			3.2. Mixtures The product contains cement and quartz sand (inhalable quartz < 0.1%). The product contains chromium VI) that remains below the permitted limit of 2 mg/kg in unopened				
1.2. Relevant identified uses of the	substance or mixture and uses advised against		packages with		S.		
			Hazardous ir				
Recommended use:		со	CAS nstruction	EINECS	Chemical name	Concentration	Classification
1.3. Details of the supplier of the sa	afety data sheet		65997-15-1	266-043-4	Portlandcement	~ 40%	DSD:Xi, R37/38-41
Manufacturer:	arety data sneet	11-	inaks AS				CLP: STOT SE3:H335 Skin irrit.2;H315
iviariuraciüler.			linaks AS Valuste Street				Eye dem. 1:H318
		90	803 Libula ₆₀₋₇	238-878-4	Quartz	~ 65%	

E-mail:

Date:

1.4. Emergency telephone number

Telephone number, name and address:

SECTION 4. FIRST AID MEASURES

Po soning Information Centre (http://www.essiption.o. Tel: 16662, Available calling 24 hours a day on AN Monday till 09:00 on Saturday for general inublicand health care fessionals. e centre is closed on veekends. For calls from abroad: +372 626 9390.

Te ephone: +372 656 5744

01.02.20

uninaks@uninaks.ee

: +372 656 5744 ²¹⁵ 137-3

Version:

eep immobile. Seek fresh air. Administer oxygen or give artificial respiration, if needed. If symptoms persist, seek medical attention. Show

~ 30%

these safety precautions to the doctor.

exposed, wash eyes or skin immediately using a copious amount of water for 15 minutes, and remove contaminated clothes and footwear. Seek medical attention if the irritation grows or persists. Show these safety recautions to the doctor.

Xi, R37/38, R41, R43 Cat 1 H318, Cat 2 H315

Rinse promptly with plenty of water, including under the eyelids, for at least 15 minutes. Remain under medical surveillance. Show these safety

precautions to the doctor.

first aid measures

Ingestion: Do not induce vomiting. Drink water. Call a doctor immediately.

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

Causes serious eye damage. Causes skin irritation. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed IF SWALLOWED: Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Show these safety precautions to the doctor.

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

See Section 16 for full text of the R-phrases.

DPD: Xi; R37/38-41,43

CLP: Skin Irrit. 2; H315 - Eye dam. 1; H318 - STOT SE 3; H335

The effect may cause redness and stinging of the eyes and lacrimation, itching in the nose and throat, and coughing. Dust from the product may irritate eyes, skin and respiratory tract. May cause permanent damage to the eyes. Dangerous when moist: the product causes burns to the eyes, skin and mucous membranes. Prolonged inhalation of the dust particles may bring about the danger of pulmonary infection.

2.2. Label elements

SECTION 5. FIREFIGHTING MEASURES



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5.1. Extinguishing media

Use a water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2. Specific hazards arising from the substance or mixture

The product is not flammable. Cooling water that has come into contact with the product could be corrosive.

5.3. Advice for firefighters

Use self-contained breathing apparatus and safety shoes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid contact of the substance with the skin, eyes, and clothing. Provide adequate ventilation. See Section 8.

6.2. Environmental precautions

Do not empty into drains connected to surface water or sanitary sewers. Immediately inform competent authorities if the product has reached natural bodies of water.

6.3. Methods and material for containment and cleaning up

Sweep up and place in a proper container for disposal. Use an appropriate vacuum cleaner. Dispose of according to applicable legislation.

6.4. Reference to other sections

Data not available

SECTION 7. HANDLING AND STORING

7.1. Precautions for safe handling

Wear personal protective equipment. Handle in accordance with good occupational hygiene and safety practice. Wash face and hands before breaks and immediately after handling the product. Provide adequate ventilation. Avoid contact of the substance with the skin, eyes, and clothing. Do not inhale dust.

7.2. Conditions for safe storage, including any incompatibilities

Store well-closed in a dry, cool and well-ventilated place. Use open packages as quickly

7.3. Specific end use(s):

Data not available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure	limits
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CAS no.	Chemical name	Exposure limit	Anm	Ref
14808-60-7	Quartz, inhalable	0,1 mg/m ³	K	AT
14808-60-7	Total quartz	0,3 mg/m ³	-	AT
-	Mineral dust, inert, inhalable	5 mg/m ³	-	AT
_	Mineral dust, inert	10 mg/m ³	_	AT

8.2. Control parameters	
Appropriate engineering	Handle in accordance with good occupational hygiene
controls	and safety practice. Provide adequate ventilation. Avoid
	exceeding exposure limits (see Section 8).

Personal protection measures

Respiratory protection

Use suitable respiratory protective device in the case of

insufficient ventilation. Respirators that are permeable to dust are depreciated. Respirator equipped with a particle filter (EN 143) (P2).

Hand protection Protective gloves, rubber gloves (EN 374), nitrile rubber.

Eye/face protection Safety goggles with face protection in accordance with EN 166.

Personal protection equipment to be used: appropriate protective gloves, safety goggles and protective clothing Skin protection

(EN 340).

Environmental exposure Data not available.

controls

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Powder

Solubility:

Water-soluble

9.2. Other information

Data not available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions. Keep in a dry place.

10.3. Possibility of hazardous reactions

Data not available.

10.4. Conditions to avoid

Keep packaged product away from moisture.

10.5. Incompatible materials

Reacts violently with acids. Wet mortar may react with aluminium powder and alkalineearth metals, producing hydrogen.

10.6. Hazardous decomposition products

Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Dust from the product may irritate the respiratory tract and cause Inhalation:

itching in the throat, respiratory involvement, chest pain and

cough.

Skin contact: Dust from the product may irritate the skin. May cause burns on

the skin and mucous membranes

Eye contact: Dust from the product may cause redness and stinging of the

eyes and lacrimation. May cause permanent damage to the

Ingestion may cause serious irritation in the mouth, oesophagus Ingestion:

and gastrointestinal tract.

Long-term effects: Prolonged inhalation of the dust particles may bring about the

danger of pulmonary infectior

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not considered to be dangerous to the environment.

12.2. Persistence and degradability

Methods for the determination of the biodegradability cannot be applied to inorganic substances Data regarding chemical degradation are not available

12.3. Bioaccumulative potential

Avoid release of the product into the environment.

12.4. Mobility in soil

Do not empty residue into drains.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Data not available.

SECTION 13. WASTE DISPOSAL

13.1. Waste treatment methods

Dispose of waste in an appropriate waste disposal facility. Waste code:

170903

170904

Other construction and demolition waste (including mixed

waste) containing hazardous substances Mixed construction and demolition wastes other than those

mentioned in 17 09 01, 17 09 02 and 17 09 03

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Not classified as hazardous substance in accordance with regulatory rules regarding transportation.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packaging group

14.5. Environmental hazards -



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14.6. Special precautions for user

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not regulated

SECTION 15. REGULATORY INFORMATION

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

15.2. Chemical safety assessment Data not available.

SECTION 16. OTHER INFORMATION

Users must have received instructions on performing the work and be familiar with the content of these safety requirements.

16.1 Attachments, deleted information, amendments
11.09.2013 Version: 1.0

 16.2 Key or legend to abbreviations and acronyms used in the safety data sheet

 REACH
 According to Regulation No. 1907/2006 of the European Union

 CLP
 REGULATION (EC) No 1272/2008

 DSD
 Classified and labelled according to Directive 67/548/EEC.

16.3 Literature references and sources of information

Regulation (EC) No. 1272/2008, manufacturer's safety data sheet: Cement based building products

16.4 Classification procedure Article 9(4), REGULATION (EC) No. 1272/2008

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements R37/38 Irritating to respiratory system and skin.

R41 H315 Risk of serious damage to eyes. Causes skin irritation.

H318 Causes serious eye damage. May cause respiratory irritation. H335

16.6 Additional information:

Uninaks AS