

Safety data sheet pursuant to regulation 1907/2006/EC and subsequent amendments**SECTION 1: Identification of the substance or mixture and company****1.1 Product identifier****Tradename: NEUTRA/NEUTRA 6.0 GROUT****1.2 Identified pertinent uses of the substance or mixture and uses advised against****Use of the preparation** Joint mortar**1.3 Information about the supplier of the safety data sheet**

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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.

2.2 Elements of the label**Labelling according to Regulation (EC) No. 1272/2008**

The product is classified and labelled in conformity with the CLP regulation.

Hazard pictograms

GHS05



GHS07

Warning Danger
Hazardous components which determine the labelling:

Portland cement

(Contains reducing agents: Cr VI < 0.0002%) Natural hydraulic lime NHL

Hazard indications

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Recommended precautions

P260 Do not breathe dust/fumes/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Further information:

EUH208 Contains Portland cement

(Contains reducing agents: Cr VI < 0.0002%). May cause an allergic reaction.

2.3 Other hazards
Results of the PBT and vPvB PBT assessments: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients
3.2 Mixtures
Description: Mixture of the following substances.

Hazardous substances or with limits for exposure in the work place:		
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement (Contains reducing agents: Cr VI < 0.0002%)	25-50%
	☞ Eye Dam. 1, H318; ☞ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	
CAS: 1317-65-3	calcium carbonate substance with an EC limit to exposure in the work place	25-50%
CAS: 85117-09-5 EINECS: 285-561-1 Reg.nr.: 01-2119475523-36-XXXX	Natural hydraulic lime NHL ☞ Eye Dam. 1, H318; ☞ Skin Irrit. 2, H315; Skin 3, H335	1-2,99%
Further indications: The text of the cited hazard warnings can be found in Chapter 16		

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:

If the subject is unconscious, keep him in a stable position on his side during transport.

In case of excessive inhalation of powder, move the subject to a well ventilated area and seek medical assistance.

Contact with the skin: Lavare immediatamente con acqua e sapone sciacquando accuratamente.

Contact with the eyes:

Wash with fresh running water for several minutes, keeping the eyes wide open, and seek medical assistance.

Ingestion: If the pain persists, seek medical assistance.

4.2 Principal symptoms and effects, both acute and delayed

 No further information is available.

4.3 Indication of the need to seek immediate medical assistance and for special treatment

No further information is available.

SECTION 5: Firefighting measures

5.1 Extinguishing equipment

Suitable extinguishing equipment:

The preparation is not especially flammable.

Use CO₂, powder or water mist depending on what other materials are burning in the fire.

5.2 Special hazards deriving from the substance or mixture

When heated and in case of fire, the product gives off toxic fumes.

5.3 Recommendations for firefighting staff

Special protective equipment: Wear a respirator

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear a respirator.

Wear protective equipment and remove unprotected persons from the site.

6.2 Environmental precautions:

 Prevent the product infiltrating into surface and ground water.

6.3 Methods and materials for containment and remediation:

Use neutralisation methods.

Dispose of contaminated material as indicated in par. 13

Provide thorough ventilation.

6.4 References to other sections

For information on safe handling, refer to Chapter 7.

For information on personal protective equipment, refer to Chapter 8. For information on disposal, refer to Chapter 13.

The product contains substances which react with water to form a caustic mixture. This mixture loses its causticity over time, and it disappears when the mortar is completely hardened. Given the type and amount of substance, the product may be marked with hazard labels as indicated in par. 2.

SECTION 7: Handling and storage

7.1 Safe handling precautions

Do not allow the powder to escape.

Make sure the work place is thoroughly ventilated/has good air extraction.

Do not allow powder to form.

Handling:

Refer to the applicable national regulations when handling loads. (For Switzerland, refer to the SECO regulations).

Instructions in case of fire or explosion: Keep a respirator ready to hand.

7.2 Safe storage conditions, including incompatibility Requisites for the warehouse and containers:

No special requisites apply.

Instructions on mixed storage: Not necessary.

Further instructions on storage conditions:

Keep the containers hermetically sealed.

7.3 Special end uses No further information is available.

SECTION 8: Control of exposure/personal protection

Further instructions on the structure of technical systems: No further data, see par. 7

8.1 Control parameters

Components whose limit values must be kept under control in the work place	
65997-15-1 Portland cement (Contains reducing agents: Cr VI < 0.0002%)	
MAK	Long term value: 5 mg/m ³ Long term
TLV	value: 10 mg/m ³
TWA	As particles not otherwise specified PNOC Long term value: 1 mg/m ³ (e, j), A4
1317-65-3 Calcium carbonate	
MAK	Long term value: 10 mg/m ³
TLV	As particles not otherwise specified PNOC Long term value: 10 mg/m ³
TWA	As particles not otherwise specified PNOC Long term value: 10 mg/m ³ (e)

Further indications:

The lists valid at the time of compilation have been used as the basis.

The Portland cements used in the product contain hexavalent chrome reducing agents.

The total quantity is less than that indicated in directive 2003-53-EC, i.e. 2 ppm.

Working within the exposure limits specified for Portland cement, the LTV for hexavalent chrome (0.05 mg/m³) is abundantly observed.

8.2 Control of exposure:
Risk assessment:

The safety data sheet does not substitute the risk assessment to be run by the professional user for the various conditions in which he will be working.

Personal protective equipment:
General protection and hygiene in the work place regulations:

Keep away from food, beverages and fodder.

Immediately remove soiled clothing. Wash hands before breaks and at the end of the job.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Protective mask: Not necessary.

Protective gloves: Protective and waterproof gloves.

Glove material:

Rubber gloves. PVC or PE gloves.

Protective glasses: Sealed protective glasses.

SECTION 9: physical and chemical properties
9.1 Information about fundamental physical and chemical properties

General information	
Appearance:	
Form:	Powder
Colour:	varies with the colouration
Odour:	odourless
Olfactory threshold:	Not defined.
pH at 20°C:	11
Change of state	
Melting temperature/conditions:	Not defined.
Boiling temperature/conditions:	Not defined.
Flash point:	Not flammable
Flammability (solid, gas):	Not defined.
Combustion temperature:	
Decomposition temperature	Not defined.
Self-ignition:	Non self-igniting product.
Explosion hazard:	Non explosive product.
Lower explosion limit:	-
Upper explosion limit:	-
Flammability limits:	
lower:	Not defined.
upper:	Not defined.
Vapour tension:	Not applicable.
Density at 20°C:	1,12 g/cm ³
Relative density	Not defined.
Vapour density	Not applicable.
Speed of evaporation	Not applicable.
Solubility in/miscibility with water:	soluble
Coefficient of distribution (n-Octanol / water):	Not defined.
Viscosity:	
dynamic:	Not applicable.
kinetic:	Not applicable.
Solvent content:	
Organic solvents	0,0 %
Solid content:	100,0 %

9.2 Further information No further information is available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product contains Portland cement which, when mixed with water during use, produces a strongly alkali environment.

10.2 Chemical stability:

Thermal decomposition/conditions to avoid:

The product does not decompose in normal ambient conditions. The action of the soluble hexavalent chrome reducing agent which keeps the content below 2ppm is guarantee for the entire period of use of the product (see packaging). Beyond that date, the soluble hexavalent chrome may exceed the said limit.

10.3 Possible hazardous reactions: No hazardous reactions are known.

10.4 Conditions to avoid: No further information is available.

10.5 Incompatible materials: No further information is available.

10.6 Hazardous decomposition products: No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects - Acute toxicity On the basis of the available data, the classification criteria are not satisfied.

Primary irritability:

Skin:

Causes skin irritation.

Eyes:

Causes serious eye damage.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity of germ cells

On the basis of the available data, the classification criteria are not satisfied.

Carcinogenicity On the basis of the available data, the classification criteria are not satisfied.

Toxicity for reproduction

On the basis of the available data, the classification criteria are not satisfied.

Specific target organ toxicity (STOT) - single exposure

May cause respiratory irritation.

Specific target organ toxicity (STOT) - repeated exposure

On the basis of the available data, the classification criteria are not satisfied.

Danger in case of inhalation

On the basis of the available data, the classification criteria are not satisfied.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further information is available.

12.2 Persistence and degradability No further information is available.

12.3 Bioaccumulation potential No further information is available.

12.4 Mobility in the soil No further information is available.

Further indications: Do not dump into groundwater, bodies of water or sewers undiluted or in large amounts. Do not dump the undiluted or non-neutralised product into drain water or drainage channels.

12.5 Results of the PBT and vPvB PBT

assessments: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further information is available.

SECTION 13: Information on disposal
13.1 Waste treatment

Recommendations: Do not dispose of the product together with household waste. Do not dump into the sewers

Waste code: 16 03 03* inorganic waste, containing dangerous substances

Soiled packaging:

Recommendations: Disposal pursuant to regulations.

Recommended detergent: Water with detergent, if necessary.

SECTION 14: Transport information

14.1 UN ADR, ADN, IMDG, IATA number	The product is classified non-hazardous according to ADR, ADN, IMDG, IATA. does not apply
14.2 ADR, ADN, IMDG, IATA shipping name	does not apply
14.3 Danger classes associated with transport ADR, ADN, IMDG, IATA Class	does not apply
14.4 Packaging group ADR, IMDG, IATA	does not apply
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for users	Not applicable.
14.7 Bulk transport pursuant to Annex II of MARPOL and the IBC code	Not applicable.
UN "Model Regulation":	does not apply

SECTION 15: Regulatory information
15.1 Legal prescriptions and regulations on health, safety and the environment applicable to the substance or mixture

Directive 2012/18/UE

Specified hazardous substances - Annex I None of the components is included.

National prescriptions:

The product must be classified pursuant to the regulation regarding hazardous substances in its most recent edition.

For the Switzerland market, refer also to Technical Regulation RS 814.600 relating to the treatment of waste.

Further classification pursuant to the regulation governing hazardous substances, Appendix II:

Hazardousness for water under the German classification (Wassergefährdungsklassen):

Hazardousness for water class 1 (WGK1) (Self-classification): negligible hazard

Further prescriptions, limitations and prohibitions:

Directive 2003/53/EC To maintain the action of the reducing agent, observe the storage conditions and period indicated on the packaging.

15.2 Chemical safety assessment:

No chemical safety assessment has been run.

SECTION 16: Further information

Relevant phrases

Skin Irrit. 2 Skin irritation category 2
Skin Sens. 1 Skin sensitisation category 1
Eye Dam.1 Serious eye damage category 1

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Classification pursuant to Regulation (EC) n. 1272/2008

Assessment run using the classification criteria applicable to each hazard class pursuant to Annex I, parts 2 to 5.

Other standards

The safety data sheet has been drawn up pursuant to European Directives 1999/45/EC, 2001/58/EC, 2001/59/EC and 2001/60/EC.

Abbreviations and acronyms:

TLV Threshold Limit Value. Exposure limit value indicating the maximum concentration of product dispersed in the air to which the majority of workers may be exposed repeatedly without negative effects on their health.

TLV-TWA (Time-Weighted Average): maximum permitted value for prolonged exposure - 8 hours/day or 40 hours/week.

TLV-STEL (Short-Term Exposure Limit): maximum permitted value for short, occasional exposure.

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative LC50: Lethal concentration, 50 percent

SVHC: Substances of Very High Concern

Skin Irrit. 2: Corrosion/irritation of the skin – Category 2

Eye Dam. 1: Serious damage/irritation of the eye – Category 1

Skin Sens. 1: Sensitivity of the skin – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3