

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

. Trade name Porcelain gypsum plaster
Article number:

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

No further relevant information available.
Application of the substance / the mixture
Impression plaster
Processing aid

1.3 Details of the supplier of the safety data sheet .

Manufacturer/Supplier:

Nedform BV

Information:

Hofdwarweg 20, 6161DD Geleen, The Netherlands

Email:

Info@nedform.com

Phone

+31 (0) 46410 6260

2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
The product is not to be classified according to the CLP regulation.

2.2 LABEL ELEMENTS

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Chemical characterisation: Mixtures

Description: Blend of gypsum

Dangerous components: Void

SVHC No

Additional information For the wording of the listed risk phrases refer to section 16.

4: FIRST AID MEASURES

4.1 Description of first aid measures

General information No special measures required.

After inhalation: Supply fresh air; consult doctor in case of symptoms.

After skin contact: Wash with water and soap. The product is not skin irritating.

After eye contact: Rinse opened eye for 15 minutes under running water. If symptoms persist, consult doctor.

After swallowing: Rinse out mouth and then drink plenty of water (approx. 500 ml). In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing agents

Use fire fighting measures that suit the environment. CO₂, extinguishing powder or water jet. Fight larger fires with foam.

5.2 Special hazards arising from the substance or mixture:

Fire can cause release of : Sulfur oxides (SO_x)

5.3 Advice for firefighters:

Protective equipment: Wear self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid causing dust.

Wear protective clothing.

6.2 Environmental precautions:

No special measures required.

6.3 Methods and material for containment and cleaning up:

Collect mechanically.

6.4 Reference to other section:

No dangerous materials are released.

7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

No special precautions necessary if used correctly.

Provide suction extractors if dust is formed.

Information about protection against explosions and fires:

The product is not flammable:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Store in cool, dry conditions in well sealed containers.

7.3 Specific end use(s)

No further relevant information available.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see section 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

Additional information: The lists that were valid during compilation were used as a basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures should be adhered to in handling the chemicals. Wash hands during breaks and at the end of the work. Avoid contact with the eyes.

Breathing equipment:

Short term filter device: ABEK-filter

Filter P1.(For solid particles, DIN 3181)

Protection of hands: Not required.

Material of gloves: Not applicable

Penetration time of glove material: Not applicable

Eye protection: Safety glasses (DIN 58211, EN 166)

Body protection: Light weight protective clothing

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Solid
Colour:	White
Smell:	Odourless
Odour threshold:	not applicable
pH-value (10 g/l) at 20 °C:	ca. 6.5 (Suspension)
Change in condition	
Melting point/Melting range:	> 1400 °C
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Inflammability (solid, gaseous)	Not applicable
Ignition temperature:	Not applicable
Decomposition temperature:	Not determined
Danger of explosion:	Product is not explosive.
Critical values for explosion: Lower:	Not applicable Upper: not applicable
Dust explosion class:	
Oxidising properties none	
Steam pressure:	Not applicable
Density at 20 °C	ca. 2.6 g/cm ³
Settled apparent density at 20 °C	ca. 1150 kg/m ³
Evaporation rate	Not applicable
Solubility in / Miscibility with Water at 20 °C:	ca. 2 g/l
Partition coefficient (n-octanol/water):	ca. -2 log POW
Viscosity:	
Dynamic:	Not applicable kinematic: not applicable

9.2 Other information No further relevant information available.

10: STABILITY AND REACTIVITY

10.1 Reactivity No hazardous reactions when stored and handled according to instructions.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

void

10.6 Hazardous decomposition products:

Sulphur trioxide (SO₃)

Temp. > 1000 °C

11: TOXICOLOGICAL

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values that are relevant for classification:

Oral LD50 > 2000 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Sensitisation No sensitizing effect known.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Due to the ingredients there is no suspicion of a mutagenic effect.

Due to the ingredients there is no suspicion of a carcinogenic effect.

Due to the ingredients there is no suspicion of a toxic effect on reproduction.

Due to the ingredients there is no suspicion of a teratogenic effect.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

Other information:

Inorganic salts are basically not biodegradable.

Easy elimination possible by flocculation or adsorption by sludge.

12.3 Bioaccumulative potential:

Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Other information:

No AOX

No VOC according to EC-directive 1999/13/EC

Additional ecological information:

According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:

None

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Smaller quantities can be disposed with household garbage.

Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

European waste catalogue

06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

Uncleaned packaging:

Recommendation:

Empty contaminated packaging thoroughly.

They can be recycled after thorough and proper cleaning.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

Dispose of packaging according to regulations on the disposal of packaging.

Recommended cleaning agent: Water, if necessary with cleaning agent.

14: TRANSPORT INFORMATION

14.1 UN-Number ADR,RID,ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR,RID,ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR,RID,ADN, IMDG, IATA	Void
Class	Void
14.4 Packing group ADR,RID,ADN, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user:	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information: Not dangerous according to the above regulations. UN "Model Regulation":	Void

15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU	
Named dangerous substances - ANNEX	I None of the ingredients is listed. .
15.2 Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

16: OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: Product Safety and Regulatory Affairs

Abbreviations and acronyms:

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative .

Sources: source ECHA: European Chemicals Agency, <http://echa.europa.eu/>

* Data compared to the previous version altered.