

## 3600 multcrete

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

#### 1.1. Product identifier

Trade name

**3600 multcrete**

Product no.

**2210328**

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

Relevant identified uses of the substance or mixture

**tile adhesive / grout**

Uses advised against

**No special**

#### 1.3. Details of the supplier of the safety data sheet

Company and address

**mira byggeprodukter a/s**

Egegårdsvej 2

4621 Gadstrup

+45 46 19 19 46

[www.mira.eu.com](http://www.mira.eu.com)

Contact person

-

E-mail

[info@mira.eu.com](mailto:info@mira.eu.com)

Revision

05/05/2022

SDS Version

1.0

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

#### 2.2. Label elements

Hazard pictogram(s)

**Not applicable**

Signal word

**Not applicable**

Hazard statement(s)

**Not applicable**

Safety statement(s)

General

**Keep out of reach of children. (P102)**

Prevention

-

Response

-

Storage

-

Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

Hazardous substances

Cement, alumina, chemicals

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

The product contains quartz; working processes in which respirable quartz dust can be developed are covered by the EU cancer Regulation.

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Product/substance          | Identifiers  | % w/w  | Classification | Note |
|----------------------------|--|--------|----------------|------|
| Cement, alumina, chemicals | CAS No.: 65997-16-2<br>EC No.: 266-045-5<br>REACH:<br>Index No.: | 25-40% |                |      |

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

No special

## SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) and continue until irritation stops.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

No special

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

No special

Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

5.1. Extinguishing media

No special

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

Store in a closed original container in a dry and well-ventilated place.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

—  
Magnesium oxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10(inhalable)/4(respirable)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

**DNEL**

No data available

**PNEC**

No data available

**8.2. Exposure controls**

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

**General recommendations**

If possible, avoid working processes where respiratory quartz dust may be developed.

Smoking, drinking and consumption of food is not allowed in the work area.

**Exposure scenarios**

There are no exposure scenarios implemented for this product.

**Exposure limits**

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

**Appropriate technical measures**

In connection with work processes in which respirable quartz dust can be developed e.g. when cutting and drilling in concrete, extracted air must not be recycled according to EU Cancer Regulation.

**Hygiene measures**

Wash hands after use.

**Measures to avoid environmental exposure**

No specific requirements

**Individual protection measures, such as personal protective equipment**

**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

| Type  | Class | Colour | Standards   |
|---|-------|--------|---|
| For dusty work use a dust mask with particle filter P2. |       |        |  |

**Skin protection**

| Recommended  | Type/Category | Standards |
|--|---------------|-----------|
| Remove soiled clothing and wash skin thoroughly with soap and water when work is complete. |               |           |

**Hand protection**

| Material   | Glove thickness (mm) | Breakthrough time (min.) | Standards   |
|--|----------------------|--------------------------|---|
| Protective gloves made of eg PVC, neoprene and vinyl |                      |                          |  |

**Eye protection**

| Type           | Standards |
|----------------|-----------|
| Safety glasses | EN166     |



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Form

**Powder**

Colour

**White**

Odour

Testing not relevant or not possible due to nature of the product.

Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

pH

**11 - 11,5**

Density (g/cm<sup>3</sup>)

Testing not relevant or not possible due to nature of the product.

Viscosity

Does not apply to solids.

Phase changes

Melting point (°C)

Testing not relevant or not possible due to nature of the product.

Boiling point (°C)

Does not apply to solids.

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Vapour density

Does not apply to solids.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Evaporation rate (n-butylacetate = 100)

Data on fire and explosion hazards

Flash point (°C)

Does not apply to solids.

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

Explosion limits (% v/v)

Does not apply to solids.

Explosive properties

Testing not relevant or not possible due to nature of the product.

Oxidizing properties

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Testing not relevant or not possible due to nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**No data available**

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

**No special**

10.4. Conditions to avoid

**No special**

10.5. Incompatible materials

**Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.**

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

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 sensitisation

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

Skin sensitisation

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

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.**

Long term effects

**No special**

Other information

Sand has been classified by IARC as a group 1 carcinogen.

## SECTION 12: Ecological information

12.1. Toxicity

**No data available**

12.2. Persistence and degradability

**No data available**

12.3. Bioaccumulative potential

**No data available**

12.4. Mobility in soil

**No data available**

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

No special

**SECTION 13: Disposal considerations**

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

17 09 03 Other construction and demolition wastes (including mixed wastes) containing dangerous substances - Unhardened material

17 09 04 Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 - Fully hardened material

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: Transport information**

| 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information |
|--------------|------------------------------|-----------------------|----------|------------|-------------------|
| ADR -        | -                            | -                     | -        | -          | -                 |
| IMDG-        | -                            | -                     | -        | -          | -                 |
| IATA -       | -                            | -                     | -        | -          | -                 |

\* Packing group

\*\* Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable

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

No data available

**SECTION 15: Regulatory information**

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

Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

Not applicable

Additional information

Not applicable

Sources

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

15.2. Chemical safety assessment

No

**SECTION 16: Other information**

## Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

## Additional information

Not applicable

The safety data sheet is validated by

Reyhaneh R. Kanafi

## Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en