

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name **maxit floor 4600**

Safety data sheet no.: XXP100025/20

Application of the substance / the preparation Floor screed - fast cement

Manufacturer/Supplier:

maxit Building Products Ltd.

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2 Composition/information on ingredients


Chemical characterization

Description:

Ready-mixed mortar with high alumina cement.

Knife filler/Surface

Dangerous components:

CAS: 14808-60-7	sand		25 - 50%
CAS: 65997-15-1 EINECS: 266-043-4	cement grey	 Xi; R 38-41-43	5 - 10%

Additional information

The preparation is "low chromate" according to 2003/53/EEC so that the identification with R 43 is not applicable.

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

3 Hazards identification

Hazard description:



Xi Irritant

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 36 Irritating to eyes.

Product has a strong alkaline reaction with water; therefore protect skin and eyes.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First aid measures

General information

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

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

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

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After swallowing If symptoms persist consult doctor.

5 Fire fighting measures

Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: Use methods suitable to surrounding conditions.

6 Accidental release measures

Person-related safety precautions: Ensure adequate ventilation.

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting: Pick up mechanically.

7 Handling and storage

Handling
Information for safe handling: Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.

Storage
Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions: None.

8 Exposure controls and personal protection

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

CAS No.	Designation of material	%	Type	Value	Unit
10101-41-4	Calciumsulfat-Dihydrat				
OES	Long-term value: 10* 4** mg/m ³ *total inhalable dust **respirable dust				
65997-15-1	cement grey				
OES	Long-term value: 10* 4** mg/m ³ *total inhalable dust **respirable dust				

Additional information:

Te applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

Personal protective equipment:
General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection:

Short term filter device:

Filter P2.

Protection of hands: Protective gloves.

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Eye protection: Safety glasses.
Body protection: Protective work clothing.

9 Physical and chemical properties:

General Information

Form: Powder
Colour: Grey
Odour: Characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

Flash point: Not applicable

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density: Not determined

Bulk density: Not applicable.

Solubility in / Miscibility with Water:

miscible

pH-value: Alkaline

Viscosity:

dynamic: Not determined.
kinematic: Not determined.

Solvent separation test: Not determined

Solvent content:

Organic solvents: 0.0 %

Additional information: None.

10 Stability and reactivity

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions: Reacts with light alloys in the presence of moisture to form hydrogen

Dangerous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

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12 Ecological information:

Information about elimination (persistence and degradability):

Other information: The product is difficultly biodegradable.

Ecotoxicological effects:

Remark:

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

13 Disposal considerations

Product:

Recommendation

Product hardens after adding water after 5 to 6 hours and can then be disposed of as building rubbish.

European waste catalogue

10 13 14	waste concrete and concrete sludge
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Uncleaned packaging:

Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS/E Class: -

Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU

Directives / Ordinance on Hazardous Materials.

Observe the general safety regulations when handling chemicals.

Code letter and hazard designation of product:



Xi Irritant

Hazard-determining components of labelling:

cement grey

sand

Risk phrases:

36 Irritating to eyes.

Safety phrases:

2 Keep out of the reach of children.

22 Do not breathe dust.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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Special labelling of certain preparations:*Product has a strong alkaline reaction with water; therefore protect skin and eyes.***16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

38 Irritating to skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

Department issuing MSDS: Technical Department**Contact:** Ron Dainter; tel. +44(0) 1928 515656

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