

## Material Safety Data Sheet

According to 91/155 EEC

Printing date 11.05.2007

Reviewed on 12.04.2007

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

**Product details**
**Trade name** maxit floor 4660

**Safety data sheet no.:** XXP003117/4

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

**Manufacturer/Supplier:**

maxit Building Products Ltd.

The Heath, Runcorn, Cheshire, WA7 4QX

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Web: www.maxit-uk.co.uk





Fax: +44(0) 1928 576792

**Information in case of emergency:** +44(0) 1928 515656

### 2 Composition/information on ingredients

**Chemical characterization**
**Description:** Ready-mixed mortar with high alumina cement.

**Dangerous components:**

CAS: 14808-60-7 EINECS: 238-878-4	Siliciumdioxide (Quartzsand)		25 - 50%
CAS: 65997-15-1 EINECS: 266-043-4	cement grey	 Xi; R 38-41-43	5 - 10%
CAS: 7632-00-0 EINECS: 231-555-9	sodium nitrite	 T,  O,  N; R 8-25-50	0.1 - 1%

**Additional information** 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 36/38 Irritating to eyes and skin.

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

**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**

Immediately remove any clothing soiled by the product.

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.

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**After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).

**After swallowing**

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

### 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:** Avoid formation of dust.

**Measures for environmental protection:**

No special measures required.

Do not allow product to reach sewage system or any water course.

**Measures for cleaning/collecting:** Pick up mechanically.

**Additional information:** See Section 13 for disposal information.

### 7 Handling and storage

**Handling**
**Information for safe handling:**

Prevent formation of dust.

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:** Not required.

**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:**

CAS No.	Designation of material	%	Type	Value	Unit
<b>65997-15-1 cement grey</b>					
WEL ()	Long-term value: 10* 4** mg/m <sup>3</sup>				
	*inhalable dust **respirable dust				

**Additional Occupational Exposure Limit Values for possible hazards during processing:**

 total inhalable dust: 10 mg/m<sup>3</sup>

 alveolar dust (< 5 µm): 4 mg/m<sup>3</sup>
**Additional information:**

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

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**Personal protective equipment:**
**General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

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:**

Use suitable respiratory protective device in case of insufficient ventilation.

Short term filter device:

Filter P3.

**Protection of hands:** Protective gloves.

**Material of gloves**

PVC gloves

Neoprene gloves

**Eye protection:** Tightly sealed goggles

**Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

**General Information**

<b>Form:</b>	Powder
<b>Colour:</b>	Grey
<b>Odour:</b>	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 at 20°C:** 1700 kg/m<sup>3</sup>
**Solubility in / Miscibility with**
**Water:** miscible

**pH-value at 20°C:** 11.5 (blandad med vatten)

**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

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**Trade name maxit floor 4660****Dangerous decomposition products:** No dangerous decomposition products known.

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### 11 Toxicological information

**Acute toxicity:****Primary irritant effect:****on the skin:** Irritant to skin and mucous membranes.**on the eye:** Irritating effect.**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

### 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.

**General notes:**

Do not allow product to reach ground water, water course or sewage system.

### 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

**Uncleaned packaging:****Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.**Recommended cleaning agent:** Thoroughly shake out sacks.

### 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.

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**Code letter and hazard designation of product:**

Xi Irritant

**Hazard-determining components of labelling:**

cement grey  
Siliciumdioxide (Quartzsand)

**Risk phrases:**

36/38 Irritating to eyes and skin.

**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.  
50 Do not mix with acids.

**Special labelling of certain preparations:**

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

**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**

- 25 Toxic if swallowed.  
38 Irritating to skin.  
41 Risk of serious damage to eyes.  
43 May cause sensitisation by skin contact.  
50 Very toxic to aquatic organisms.  
8 Contact with combustible material may cause fire.

**Department issuing MSDS:** Technical Department**Contact:** Ron Dainter; tel. +44(0) 1928 515656\* **Data compared to the previous version altered.**