

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

### Product details

Trade name **maxit floor 4610**

Safety data sheet no.: XXP1000277

Application of the substance / the preparation Construction chemicals

### Manufacturer/Supplier:

maxit Building Products Ltd.

The Heath, Runcorn, Cheshire, WA7 4QX

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## 2 Composition/information on ingredients

### Chemical characterization

Description: Ready-mixed mortar with Portland cement

### Dangerous components:

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

### Additional information

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

## 3 Hazards identification

### Hazard description:



Xi Irritant

### Information concerning particular hazards for human and environment:

R 38 Irritating to skin.

R 41 Risk of serious damage 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** Immediately remove any clothing soiled by the product.

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

### After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

### After eye contact

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

### After swallowing

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

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**Information for doctor** None

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## 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:**

Wear protective clothing.

Ensure adequate ventilation.

Avoid formation of dust.

**Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

**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 unopened original receptacles.

**Information about storage in one common storage facility:**

Do not store together with acids.

Store away from foodstuffs.

**Further information about storage conditions:**

Protect from humidity and water.

Store in cool, dry conditions in well sealed receptacles.

**Recommended storage temperature:** 5-30°C.

## 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
65997-15-1	cement grey				
OES	Long-term value: 10* 4** mg/m <sup>3</sup>				
	*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:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Use a moisturising skin cream after processing the product.  
 Avoid contact with the eyes and skin.

**Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Short term filter device:

Filter P2.

**Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Nitrile impregnated cotton gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**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>	Odourless

**Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

**Flash point:** Not applicable

**Flammability (solid, gaseous):** Product is not flammable.

**Ignition temperature:** Not applicable

**Self-igniting:** Product is not selfigniting.

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

**Explosion limits:**

**Lower:** Not applicable

**Upper:** Not applicable

**Vapour pressure:** Not applicable.

**Density at 20°C:** 1.6 g/cm<sup>3</sup> (DIN 51757)

**Bulk density:** Not determined.

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<b>Solubility in / Miscibility with Water at 20°C:</b>	1.5 g/l Zement
<b>pH-value at 20°C:</b>	>12.0 (DIN 19261) In water
<b>Viscosity:</b>	
<b>dynamic:</b>	Not applicable.
<b>kinematic:</b>	Not applicable.
<b>Solvent separation test:</b>	Not applicable.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0 %
<b>Solids content:</b>	100 %
<b>Additional information:</b>	None.

## 10 Stability and reactivity

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**Dangerous reactions:** Forms an alkaline suspension with water.

**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:** Strong irritant with the danger of severe eye injury.

**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

## 12 Ecological information:

**Information about elimination (persistence and degradability):**

This product is according to previous experiences inert and non-degradable.

**Ecotoxicological effects:**
**Remark:**

The product contains substances which causes severe clouding in water

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

**Remark:** The product causes a significant pH change. Neutralise before introduction.

**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.

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**European waste catalogue**

Possible waste code. The concrete waste code depends of the source of the waste.

10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 14	waste concrete and concrete sludge

**Uncleaned packaging:**
**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**Recommended cleaning agent:**

Water, if necessary together with cleansing agents.

Thoroughly shake out sacks.

**14 Transport information**
**Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

ADR/RID-GGVS/E Class: -

**Maritime transport IMDG/GGVSea:**

IMDG/GGVSea Class: -

Marine pollutant: No

**Air transport ICAO-TI and IATA-DGR:**

ICAO/IATA Class: -

Packaging group:

Packing instructions Passenger: -

Packing instructions cargo: -

**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

**Risk phrases:**

38 Irritating to skin.

41 Risk of serious damage to eyes.

**Safety phrases:**

2 Keep out of the reach of children.

22 Do not breathe dust.

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

28 After contact with skin, wash immediately with plenty of water.

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

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Printing date 29.06.2006

Reviewed on 28.09.2005

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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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