

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.07.2007

Revision: 14.05.2007

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

Product details
Trade name maxit floor 4050

Safety data sheet no.: XXP002282/10

Application of the substance / the preparation Construction chemicals

Manufacturer/Supplier:

maxit Building Products Ltd.

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2 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 from corrosive properties.


Classification system:

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

3 Composition/information on ingredients

Chemical characterization
Description: Ready-mixed mortar with Portland cement

Dangerous components:

CAS: 65997-15-1	cement grey	 Xi; R 38-41-43	5 - 10%
EINECS: 266-043-4			

Additional information

The preparation is "low chromate" according to 2003/53/EEC up to the best-before date, so that the identification with R 43 is not applicable.

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

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.

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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 and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

5 Fire fighting measures

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: No special measures required.

6 Accidental release measures

Person-related safety precautions: Avoid formation of dust.

Measures for environmental protection:

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

Measures for cleaning/collecting:

The dry powder and the fresh product is removed with water. The hardened product is removed mechanically.

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: Not required.

Further information about storage conditions: Store in dry conditions.

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				
WEL	Long-term value: 10* 4** mg/m ³				
	*inhalable dust **respirable dust				

Personal protective equipment:
General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
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.

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Respiratory protection:

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.

Protection of hands:

The hands must be cleaned from the powder before putting on the gloves.

Protective gloves.

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

Eye protection: Safety glasses.

Body protection: Protective work clothing.

9 Physical and chemical properties:

General Information

Form:	Powder
Colour:	Grey
Odour:	Specific type

Change in condition

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable

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

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

Density at 20°C: 1.4-1.6 g/cm³

Solubility in / Miscibility with

Water: miscible

pH-value at 20°C: <11 (DIN 19261)

Viscosity:

dynamic: Not determined.

kinematic: Not determined.

Solvent content:

Organic solvents: 0.0 %

Solids content: 100 %

10 Stability and reactivity

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

Dangerous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:
Primary irritant effect:

on the skin: Skin irritation possible due to drying effect.

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

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Sensitization: Sensitizing effect by skin contact is possible by prolonged exposure.

12 Ecological information:

Information about elimination (persistence and degradability): Not 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, even in small quantities.

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 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
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Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

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: -

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: -

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA 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:


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Hazard-determining components of labelling:

cement grey

Risk phrases:

36 Irritating to eyes.

Safety phrases:

2 Keep out of the reach of children.

22 Do not breathe dust.

24 Avoid contact with skin.

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

37/39 Wear suitable gloves and eye/face protection.

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

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* **Data compared to the previous version altered.**