

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

Product details

Trade name **maxit floor 4160**

Safety data sheet no.: XXP100018/1

Application of the substance / the preparation Construction chemicals

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.

Dangerous components:

CAS: 65997-15-1

cement grey

 Xi; R 38-41-43 2 - 5%

EINECS: 266-043-4

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:

Not applicable.



Xi Irritant

Information concerning particular hazards for human and environment:

The product does not have 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.

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

No special measures required.

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 Generally the product does not irritate the skin.

After eye contact Rinse opened eye for several minutes under running water.

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After swallowing If symptoms persist consult doctor.

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: Not required.

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Additional information: No dangerous substances are released.

7 Handling and storage

Handling
Information for safe handling:

No special measures required.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

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

Storage
Requirements to be met by storerooms and receptacles: No special requirements.

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:

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
65997-15-1	cement grey				
WEL ()	Long-term value: 10* 4** mg/m ³				

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.

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.

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Protection of hands:

Protective gloves.

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

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: Goggles recommended during refilling

Body protection: Protective work clothing.

9 Physical and chemical properties:

General Information

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable

Ignition temperature: 370°C (DIN 51794)

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: Not miscible or difficult to mix

pH-value: Not applicable.

Viscosity:

dynamic: Not determined.

kinematic: Not determined.

Solvent separation test: Not determined

Solvent content:

Organic solvents: 0.0 %

Water: 0.1 %

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.

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11 Toxicological information

Acute toxicity:
LD/LC50 values relevant for classification:

Components	Type	Value	Species
7631-86-9 silicon dioxide, chemically prepared			
Oral	LD50	10000 mg/kg	(rat)
126-86-3 2,4,7,9-tetramethyldec-5-yne-4,7-diol			
Oral	LD50	4600 mg/kg	(rat)
Dermal	LD50	> 2000 mg/kg	(rabbit)
Inhalative	LC50/4 h	> 20 mg/l	(rat)

Primary irritant effect:
on the skin: No irritant effect.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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.

Non contaminated packagings may be recycled.

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: -

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

15 Regulatory information

Labelling according to EU guidelines:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version. Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

Code letter and hazard designation of product:


Xi Irritant

Hazard-determining components of labelling:

 cement grey
 sand

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.

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

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