



**SAFETY DATA SHEET**  
**INFORMATION FORM CHEMICALS**  
**DATA**

**X**

**R-PG 10/01**

**Ref.SDS82.02**

**1. Identification of the chemical and of the manufacturer, importer or other undertaking.**

1.1.-Identificacion of the substance on preparation

Trade name: **MAXKOLA - M**

Code of the preparation

1.2.-Identificacion of the manufacturer, importer or other undertaking

1.2.1.-Manufacturer, importer, other undertaking: **HANMA INVESTMENTS P/L**

Abn: 26 086 715 264

1.2.2.-Address: **ROOFING & WATERPROOFING LIMITED**  
**Units C8 & C9, 8 Henry Rose Place, Rosedale**  
**North Shore, Auckland**

1.2.3.-Teelephone in case of emergency.

**Tel. + (02) 9771 0077 - 0427 377 770**

Others emergency telephone number: 0406 137 701

1.2.4.-Information on foreign manufacturer.

**2. Composition and information on ingredients**

2.1.-Description:

2.2.-Hazardous ingredients:

2.2.1.-CAS number or other code	2.2.2 Name of the ingredients	2.2.3.Concentration	2.2.4.Warning symbol, R phrases and other data on the ingredients
CAS: 65997-15-1 (EINECS 266-043-4)	Portland cement Compound	>5 <50%	Xi (Irritant) R36/37/38

2.2.5 Full chemical name of the ingredients (CAS number name)

Confidential

2.2.6 Other information

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**3. Hazards Identification**

Symbol of danger: Xi

Main dangers for human health and environment

Irritation to eyes, breathing system

When mixed with water, creates high PH, it may cause irritation on the skin when in prolonged contact.

Can cause lesions if splashed in eyes.

Long and repeated periods of contact of the paste with the skin may cause sensitivity to Hexavalent chrome (Cr6+).

The cement does not represent any particular danger for the environment, consider sections 12 & 13 respectively..

**4. First aid measures**

4.1 Special instructions

4.2 Inhalation

Persons with respiratory problems, should consult a doctor.

4.3 Skin

Remove the product and rinse, the affected area, immediately with plenty of water at least for 15 minutes. Remove the stained clothes and if symptoms continue, go to see a doctor.

4.4 Splashes in eyes

Hold eyelids apart and rinse the eyes with plenty of water for at least for 15 minutes and see a doctor.

4.5 Ingestion

Seek medical advice and show this safety data sheet.

The decision of inducing or not to vomit, will be based on medical criteria.

4.6 Information of doctor or other trained persons giving first aid

**5. Fire-Fighting measures.**

5.1 Not Flammable

5.2 Extinguishing media which must not be used for safety reasons.

5.3 Special exposure hazards in a fire.

Non flammable material.

5.4.Special protective equipment for a fire

None

5.5 Other instructions

**6. Accidental release measures.**

6.1 Personal precautions

Do not breathe powder and avoid contact with skin and eyes.

Use protective clothing as well as boots, gloves and protection for eyes (protection glasses). Use powder mask filter.

6.2 Environmental precautions

Avoid product penetration into the ground, sewer system or in-shore waters.

6.3 Methods for cleaning up

The product remains on site when is poured (risk of powder spreads). Do not use water to wash away powder. Pick up with mechanical devices.

Dispose according to laws in force.

6.4 Other instructions

**7. Handling and storage**

7.1 Handling

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Wear suitable clothing and use powder mask filter.

7.2 Storage

Keep packages well secured and in a dry well ventilated place.  
Protect against humidity.  
Keep away from children.

**8. Exposure controls / personal protection**

8.1 Technical measures for exposure controls.

8.2 Limit values for workplace

8.2.1 HTP values

Silica quartz---- TLV-TWA: 0.1 mg / m3 ,Respirable powder.  
Portland cement --- TLV-TWA: 10 mg / m3 , Total powder.

8.2.2 Other information on limit values

8.3. Personal protective equipment

8.3.1. Special instructions for protection and hygiene

Provide good ventilation in handling and storage.

8.3.2. Respiratory protection

Powder mask filter.

8.3.3 Hand protection

Use waterproof gloves.

8.3.4. Eye protection

Goggles with lateral protection.

8.3.5. Skin protection

Wear waterproof protective suite and boots and kneecap if necessary.

**9. Physical and chemical properties.**

9.1 Physical state, colour and odour. Odourless powder.

9.2. pH Basic between 11 to 13,5.

9.3 Information on changes in the physical state.

9.3.1. Boiling point / boiling range

9.3.2 Melting point / melting range > 1000°C

9.3.3 Decomposition temperature

9.4. Flash point Non flammable

9.5. Flammability (solid)

9.6. Autoflammability

9.7. Explosion hazard

9.8 Explosive limits a.-Lower

b.- Upper

9.9 .Oxidising properties

9.10 Vapour pressure

9.11 Relative density

9.12 Solubility a.-Water solubility

b.- Fat solubility

In contact with water precipitates.

9.13 Partition coefficient (for ingredients) in-octano / water

9.14 Viscosity

9.15 Other information

**10. Stability and reactivity**

10.1 Conditions to avoid

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Stable product. No danger reactions are known while storing and handling according to the common industrial practise. Protect against humidity.

10.2 Materials to avoid

N.A.

On precense of humidity, causes cement curing.

10.3 Hazardous decomposition products

N.A.

**11. Toxicological information**

11.1 Inhalation

Cement may cause irritations on respiratory ways.

11.2 Ingestion

In the case of ingestion, cement may cause irritation on digestive system.

11.3 Contact with skin

May cause irritation on humid skin due to have high PH

11.4 Contact with eyes

If contact with eyes, the cement may produce lesions in eyes.

11.5 Cutaneous chronic pathology

Without appropriate protection for the skin (gloves) it may cause irritation on the dermis.

Persons predisposed to allergies can experience increase in allergies due to elements in the cement (hexavalant chrome)

11.6 Other information on health effects

**12. Ecological information**

12.1 Persistence in the environment

12.1.1 Ecotoxicity

In the event of accidental spill in water a weak ascent of PH can take place. Once settled it is a stable product that it fixes their compounds and it makes them insoluble

12.1.2 Persistence and degrabability

N.A.

12.2 Bioaccumulation

N.A.

12.3 Mobility

N.A.

12.4 Toxic effects on organisms

12.4.1 Aquatic toxicity

The product precipitates in contact with water as stable hydrates.

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Avoid product penetration into sewer system.

12.4.2 Other toxicity

12.5. Other information

**13. Disposal considerations**

Can be disposed as other constructions residues and stored according to laws in force.

**14. Transport information**

14.1 UN number No classified like hazardous merchandise.

14.2 Packaging category

14.3 Land transport

14.3.1 Transport class

14.3.2 Risk code

14.3.3 Name according to bill of freight

14.3.4 Other information

14.4 Sea transport

14.4.1 IMDG class

14.4.2 Correct technical name

14.4.3 Other information

14.5 Air transport

14.5.1 IDAO / IATA class

14.5.2 Correct technical name

14.5.3 Other information

**15. Regulatory information**

15.1 Information on the warning label

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15.1.1 Letter code of the warning symbol and indications of danger for the preparation.

**Xi (irritant)**

15.1.2 Names of the ingredients given on the warning label

Contains: **cement**

15.1.3 R phrases.

**R36/37/38 (Irritating to eyes, skin and respiratory system)**

15.1.4 S phrases

**S2 (Keep away from children)**

**S24/25 (Avoid any contact with eyes and skin)**

**S26 (In case of contact with eyes, wash immediately with plenty of water and go to a doctor)**

**S 37/39 (Wear suitable gloves and protections on eyes and face)**

15.1.5 Special regulations on certain preparations

15.2 National regulations

**16. Other information**

16.1 Purpose of use

16.1.1 Expressed in writing

16.1.2 Code for the purpose of use

Sic (TOL)-Standard industrial classification  
 KT – Desired effect of the chemical

SIC 1:
SIC 2:
SIC 3:
SIC 4:

KT 1:
KT 2:
KT 3:
KT 4:

16.2 Directions for use

16.3 Other information

This product must be stored, handled and used on the basis of a good industrial hygiene, according to legislation in force. The information provided in this safety data sheet is based on our actual knowledge. It cannot perform as a guarantee of specific properties

16.4 Additional information available from

16.5 Sources of information used in the compilation of the safety data sheet

Data from suppliers and bibliographic sources.

Date

Signature

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**ROOFING & WATERPROOFING LIMITED**

**Units C8 & C9,**

**8 Henry Rose Place, Rosedale**

**North Shore, Auckland**

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