Low Slump Levelling Compound

Material Safety Data Sheet



1. Identification of the Substance or Mixture and of the Supplier

Trade name: J-System 33 Low Slump Levelling Compound Relevant identified uses of the substance No special requirements. or mixture and uses advised against Application of the Low slump levelling compound substance / the mixture Manufacturer/Supplier Jacobsen Flooring 41 D Morrin Road, St Johns Auckland 1072 New Zealand Phone: (09) 574 0640 Further information obtainable from See Manufacturer/Supplier Poison Information Service: New Zealand: 0800 POISON (0800 764 766)

2. Hazards Identification

Emergency telephone number

		_	
Classification	of the	substance	or mixture

Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

Label elements

GHS label elements The product is classified and labelled according to the

Globally Harmonised System (GHS).

Hazard pictograms

GHS05

Signal word Danger

Hazard-determining components

Portland cement of labelling

Hazard statements Causes serious eye damage.

Precautionary statements Keep out of reach of children.

Avoid breathing dust.

Wear protective gloves / eye protection. IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Low in Chromate (< 2 ppm) acc. Regulation (EC) No 1907/2006 Additional information

(REACH, annex XVII, 47).

Other hazards

Results of PBT and vPvB assessment:

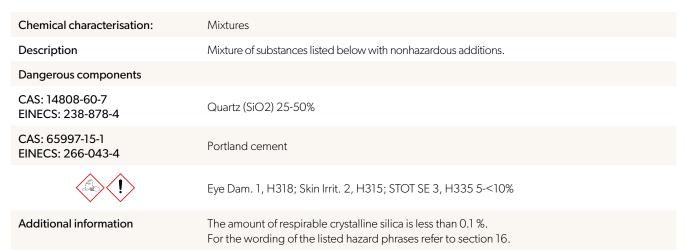
PBT Not applicable

vPvB Not applicable

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4. First Aid Measures

Description of first aid measures	
General information	No special measures required.
After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Immediately wash with water and soap and rinse thoroughly.
After eye contact	Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing	Do not induce vomiting; call for medical help immediately.
Information for doctor	
Most important symptoms and effects, both acute and delayed	No further relevant information available.
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5. Fire Fighting Measures

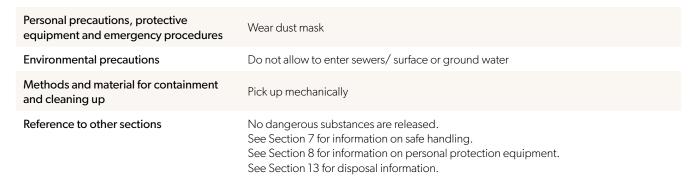
Extinguishing media	
Suitable extinguishing agents	CO_{2} , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents	Water with full jet
Special hazards arising from the substance or mixture	No further relevant information available
Advice for firefighters	
Protective equipment	Wear dust mask



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6. Accidental Release Measures



7. Handling and Storage

Handling	
Precautions for safe handling	Prevent formation of dust. Wear suitable protective clothing, gloves and eye/face protection. Avoid contact with the eyes and skin. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.
Information about fire - and explosion protection	No special measures required
Conditions for safe storage, including any	incompatibilities
Storage	
Requirements to be met by storerooms and receptacles	No special measures required
Information about storage in one common storage facility	No special measures required
Further information about storage conditions	Store in dry conditions
Specific end use(s)	No further relevant information available.

8. Exposure Controls/Personal Protection

Additional information about design of technical facilities	No further data; see item 7
Control parameters	
Ingredients with limit values that require m	onitoring at the workplace
CAS: 14808-60-7 Quartz (SiO2)	
WES (New Zealand) BOELV (EU)	Long-term value: 0.2 mg/m³ confirmed carcinogen; respirable dust Long-term value: 0.1* mg/m³ *respirable fraction
CAS: 65997-15-1 Portland cement	
WES (New Zealand)	Long-term value: 3 1* mg/m³ dsen, *respirable dust



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Exposure controls

measures

Personal protective equipment

General protective and hygienic

Prevent formation of dust.

Avoid contact with the eyes and skin.

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

Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Use nitrile impregnated cotton-gloves (EN 374)

Not required. Respiratory protection

When mixing wear suitable dust-mask.

Nitrile impregnated cotton-gloves

The exact break through time has to be found out by the manufacturer of the protective Penetration time of glove material

gloves and has to be observed.

Eye protection

Protection of hands

Material of gloves



Safety glasses (EN 166)

9. Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance

Form Solid

Colour Grey

Odour Light

Odour threshold Not determined

pH-value at 20 °C ~11

Change in condition

Melting point/freezing point Undetermined

Initial boiling point and boiling range Undetermined

Flash point Not applicable.

Flammability (solid, gas) Not applicable

Decomposition temperature Not determined

Auto-ignition temperature Product is not selfigniting

Explosive properties Product does not present an explosion hazard

Explosion limits

Not determined Lower

Not determined Upper

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Vapour pressure	Not applicable
Density	Not determined
Relative density	Not determined
Vapour density	Not applicable
Evaporation rate	Not determined
Solubility in / Miscibility with water	Insoluble Sets with water
Partition coefficient: n-octanol/water	Not determined
Viscosity	
Dynamic	Not applicable
Kinematic	Not applicable
Solids content	100.0 %
Other information	No further relevant information available.

10. Stability and Reactivity

Reactivity	No further relevant information available.
Chemical stability	
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	No further relevant information available.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	No dangerous decomposition products known.

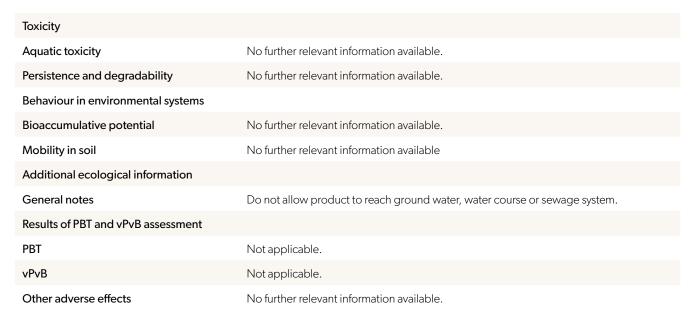
11. Toxicological Information

Information on toxicological effects	
Acute toxicity	
Primary irritant effect	
Skin corrosion/irritation	Slightly irritant effect may occur.
Serious eye damage/irritation	Strong irritant with the danger of severe eye injury.
Respiratory or skin sensitisation	No sensitising effects known. Low in Chromate (< 2 ppm) acc. Regulation (EC) No 1907/2006 (REACH, annex XVII, 47).

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12. Ecological Information



13. Disposal Considerations

Waste treatment methods	
Recommendation	Do not allow product to reach sewage system. Mix product residues with water, allow to harden, then dispose of as construction waste.
Uncleaned packaging	
Recommendation	Empty paper packaging is recyclable.

14. Transport Information

UN-Number ADR, ADN, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information	Not dangerous according to the above specifications.
UN "Model Regulation"	Void



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New Zealand Inventory of Chemicals All ingredients are listed.

HSNO Approval numbers

CAS: 14808-60-7 Quartz (SiO2) HSR003125

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations

New Zealand HSNO

HSNO Approval Number HSR002544 Construction Products Subsidiary Hazard Group Standard 2020

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 phrases:	
H315	Causes skin irritation.
H318	H318 Causes serious eye damage.
H335	H335 May cause respiratory irritation

пэээ	msss May Cause respiratory irritation.

Abbreviations and acronyms:	
ADR	Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and very Bioaccumulative
Skin Irrit. 2	Skin corrosion/irritation – Category 2
Eye Dam. 1	Serious eye damage/eye irritation – Category 1
STOT SE 3	Specific target organ toxicity (single exposure) – Category 3



