





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 or mixture and uses advised against	No special requirements.
Application of the substance / the mixture	Low slump levelling compound
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
Emergency telephone number	Poison Information Service: New Zealand: 0800 POISON (0800 764 766)

2. Hazards Identification

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 of labelling	Portland cement
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.
Additional information	Low in Chromate (< 2 ppm) acc. Regulation (EC) No 1907/2006 (REACH, annex XVII, 47).
Other hazards	
Results of PBT and vPvB assessment:	
PBT	Not applicable
vPvB	Not applicable



3. Composition/Information on Ingredients

Chemical characterisation:	Mixtures
Description	Mixture of substances listed below with nonhazardous additions.
Dangerous components	
CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO ₂) 25-50%
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement
	Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335 5-<10%
Additional information	The amount of respirable crystalline silica is less than 0.1 %. For the wording of the listed hazard phrases refer to section 16.

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

**6. Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures	Wear dust mask
Environmental precautions	Do not allow to enter sewers/ surface or ground water
Methods and material for containment and cleaning up	Pick up mechanically
Reference to other sections	No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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 monitoring at the workplace	
CAS: 14808-60-7 Quartz (SiO ₂)	
WES (New Zealand) BOELV (EU)	Long-term value: 0.2 mg/m ³ confirmed carcinogen; respirable dust Long-term value: 0.1* mg/m ³ *respirable fraction
CAS: 65997-15-1 Portland cement	
WES (New Zealand)	Long-term value: 3.1* mg/m ³ dsen, *respirable dust

**Exposure controls****Personal protective equipment****General protective and hygienic measures**

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.

Respiratory protection

Not required.
 When mixing wear suitable dust-mask.

Protection of hands

Use nitrile impregnated cotton-gloves (EN 374)

Material of gloves

Nitrile impregnated cotton-gloves

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

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

Lower Not determined

Upper Not determined



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).



12. Ecological Information

Toxicity	
Aquatic toxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.
Behaviour in environmental systems	
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Additional ecological information	
General notes	Do not allow product to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment	
PBT	Not applicable.
vPvB	Not applicable.
Other adverse effects	No further relevant information available.

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

**15. Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

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 Causes serious eye damage.

H335 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

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