

# J-SYSTEM 21

## Concrete Primer

### Material Safety Data Sheet







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

Trade name:	J-System 21 Concrete Primer
Relevant identified uses of the substance or mixture and uses advised against	No special requirements.
Application of the substance / the mixture	Multipurpose primer
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	The product is not classified, according to the Globally Harmonised System (GHS)
Label elements	
GHS label elements	Void
Hazard pictograms	Void
Signal word	Void
Other hazards	
Results of PBT and vPvB assessment:	
PBT	Not applicable
vPvB	Not applicable

## 3. Composition/Information on Ingredients

Chemical characterisation:	Mixtures
Description	Dispersion Primer. Solvent-free, contains no liquid, organic compounds with a boiling-point < 200 °C.
Dangerous components	
CAS: 55965-84-9	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
	Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330;
	Skin Corr. 1C, H314;
	Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100);
	Skin Sens. 1A, H317

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#### 4. First Aid Measures

Description of first aid measures	
General information	No special measures required.
After inhalation	Supply fresh air.
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 <sub>2</sub> , 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	No special measures required

#### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	No special measures required
Environmental precautions	Do not allow to enter sewers/ surface or ground water
Methods and material for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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.

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## 7. Handling and Storage

<b>Handling</b>	
Precautions for safe handling	Keep out of the reach of children. Avoid contact with the eyes and skin. Rinse tools with water and soap immediately after use. Wash hands before breaks and at the end of work.
Information about fire - and explosion protection	No special measures required
<b>Conditions for safe storage, including any incompatibilities</b>	
<b>Storage</b>	
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	Protect from frost
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
<b>Control parameters</b>	
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.
<b>Exposure controls</b>	
<b>Personal protective equipment</b>	
General protective and hygienic measures	The usual precautionary measures are to be adhered to when handling chemicals. Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. Wash hands before breaks and at the end of work.
Respiratory protection	Not required. Thorough ventilation should be ensured during and after the installation and drying time of the product.
Protection of hands	 PVC or PE gloves (EN 374)
Material of gloves	PVC or PE gloves (EN 374)
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)

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## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

#### Appearance

Form Fluid

Colour White

Odour Light

Odour threshold Not determined

pH-value at 20 °C 8

#### Change in condition

Melting point/freezing point Undetermined

Initial boiling point and boiling range Undetermined

Flash point >100 °C

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 determined

Density at 20 °C 1 g/cm<sup>3</sup>

Relative density Not determined

Vapour density Not determined

Evaporation rate Not determined

Solubility in / Miscibility with water Dispersible

Partition coefficient: n-octanol/water Not determined

#### Viscosity

Dynamic at 20 °C 250 mPas (Brookfield RV 2, 20min-1)

Kinematic Not determined

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	No irritant effect.
Serious eye damage/irritation	No irritant effect.
Respiratory or skin sensitisation	No sensitising effects known.
Additional toxicological information	<p>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.</p> <p>When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.</p>

## 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

<b>Waste treatment methods</b>	
Recommendation	Do not allow product to reach sewage system. Absorb smaller quantities with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust), allow to harden, then dispose of as construction waste. Dispose of bigger amounts in accordance with Local Authority requirements.
<b>Uncleaned packaging</b>	
Recommendation	Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Recommended cleansing agents	Water, if necessary together with cleansing agents.

### 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
<b>Environmental hazards</b>	
Marine pollutant	No
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

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
New Zealand Inventory of Chemicals	All ingredients are listed.
HSNO Approval numbers	None of the ingredients is listed.
Directive 2012/18/EU	
Named dangerous substances - ANNEX I	None of the ingredients is listed.
National regulations	
New Zealand HSNO	
HSNO Approval Number	The product is not classified as hazardous according to Hazardous Substances (Minimum Degrees of Hazard) Regulations 2020.

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#### 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:

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

##### Abbreviations and acronyms:

RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO	International Civil Aviation Organisation
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
Acute Tox. 3	Acute toxicity – Category 3
Acute Tox. 2	Acute toxicity – Category 2
Skin Corr. 1C	Skin corrosion/irritation – Category 1C
Skin Sens. 1A	Skin sensitisation – Category 1A
Aquatic Acute 1	Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

## Jacobsen®

Talk to one of our experts, or visit our website:

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