

Neolastic

Hazardous according to criteria of Worksafe Australia

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

River Sands Pty Ltd
ACN 009 919 215
ABN 41 009 919 215
683 Beenleigh Redland Bay Rd
CARBROOK QLD 4129
Tel: +61 7 3287 6444
Fax: +61 7 3287 6445

Emergency Advice All Hours:
Australia Wide: 131 126

Product Name: Neolastic
Use: Liquid admixture to be used with ACS tile adhesives.

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
Potassium hydroxide [Caustic potash]	<2%	1310-58-3
Non hazardous ingredients or below cut off concentrations	to 100%	-

3. HAZARD IDENTIFICATION

Hazardous according to the criteria of NOHSC.

Concentrations <2%: Xi Irritant.

Risk Phrase: R36/38 Irritating to eyes and skin

ACUTE HEALTH EFFECTS

Swallowed: Small amounts ingested incidental to normal handling will have little or no effect. Larger amounts ingested may cause stomach pains and discomfort.

Eye: Will cause moderate to severe irritation to the eye and must be promptly removed to prevent further damage. Rubbing the eye after exposure will cause severe irritation through mechanical abrasion.

Skin: May cause irritation to skin, especially if trapped against skin by clothing. Prolonged or repeated skin exposures may cause drying and cracking of the skin and possibly lead to dermatitis.

Inhaled: Low irritation hazard

Chronic Health Effects: Prolonged or repeated exposure may cause damage to kidneys, liver, lungs, skin and central nervous system.

Neolastic

Hazardous according to criteria of Worksafe Australia

4. FIRST AID MEASURES

Swallowed:	If swallowed, contact Doctor. DO NOT induce vomiting. Rinse mouth with water and give person water to drink.
Eye:	If in eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and see a Doctor if irritation continues.
Skin:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.
Inhaled:	Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.
First Aid Facilities:	Eye wash fountain shall be available.
Advice to Doctor:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire Fighting Precautions: Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise skin exposure.

Extinguishing Media: Use appropriate fire extinguisher for surrounding environment

Hazchem Code None Allocated

FLAMMABILITY: Non flammable.

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION: None available

Small Spills: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of any vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labeled containers or drums for disposal.

Large spills: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal. Wash down area with large quantities of water. If large contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling: Use only in well ventilated areas. Wear protective clothing to minimise skin contact. The use of P1 Masks, tight fitting goggles and barrier creams is recommended.

Storage: Store in a cool dry place

Neolastic

Hazardous according to criteria of Worksafe Australia

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However,

Exposure Standard(s) for constituent(s):

Potassium hydroxide: Peak Limitation = 2 mg/m³

As published by the National Occupational Health and Safety Commission.

Peak Limitation - a ceiling concentration which should not be exceeded over a measured period which should be as short as possible but not exceeding 15 minutes.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Personal Protective Equipment:

Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- (1) Eye protection
- (2) Neoprene, butyl rubber gloves
- (3) Leather boots

Engineering Controls

Use well-ventilated area. In Local ventilation should be considered if used in poorly ventilated or very confined space.

Hygiene Measures

Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash hands thoroughly before eating, drinking, and smoking, applying cosmetics or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White liquid
Odour:	Slight odour
Melting Point:	Not applicable
Boiling Point:	100°C
Solubility in Water:	100% soluble
Specific Gravity (H₂O=1):	0.95 – 1.00 kg/l
Vapour Pressure:	Similar to water
Viscosity:	Not applicable
Volatiles:	>90%
pH as supplied:	7.5 - 8.5

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION

PRODUCTS: Minor ingredients could produce acrylic monomers, Carbon Monoxide and Carbon Dioxide.

Neolastic

Hazardous according to criteria of Worksafe Australia

HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITIES: None allocated.
CONDITIONS TO AVOID: Avoid temperature below 5°C and above 40°C

11. TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS

Swallowed: Small amounts ingested incidental to normal handling will have little or no effect. Larger amounts ingested may cause stomach pains and discomfort.

Eye: Will cause moderate to severe irritation to the eye and must be promptly removed to prevent further damage. Rubbing the eye after exposure will cause severe irritation through mechanical abrasion.

Skin: May cause irritation to skin, especially if trapped against skin by clothing. Prolonged or repeated skin exposures may cause drying and cracking of the skin and possibly lead to dermatitis.

Inhaled: Low irritation hazard

Chronic Health Effects: Prolonged or repeated exposure may cause damage to kidneys, liver, lungs, skin and central nervous system.

Toxicological Data:

No LD50 data available for the product.
SKIN: Corrosive. A skin sensitiser. (1)
EYES: Corrosive. (1)

Reproductive Effects: None known.
Does not contain chemicals implicated in adverse reproductive effects.

Other Information: None established

12. ECOLOGICAL INFORMATION

No environmental impact information is available for this product.
Avoid contaminating waterways, drains or sewers.
When in contact with water cements will cause the pH to rise and give a sufficient increase may be toxic to aquatic life in these circumstances.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

Neolastic

Hazardous according to criteria of Worksafe Australia

15. REGULATORY INFORMATION

Poison Schedule: Not scheduled
Risk Phrases: R36/38 Irritating to eyes and skin
Hazard Category: Irritant

16. OTHER INFORMATION

PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd
Issue date: 12th of February, 2008

Issued by: Tess Flores – Technical Manager

The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

Information used in the compilation of this MSDS obtained from investigations conducted at outside laboratories.

REASONS FOR UPDATE: Product Release

MSDS's are updated frequently. Please ensure that you have a current copy.

Contact Point

Emergency Advice All Hours:

Australia Wide: 131 126

River Sands Pty Ltd

Tel: +61 7 3287 6444

Fax: +61 7 3287 6445

Contact: Paul Moorfoot – General Manager

Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact River Sands Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.

END OF DOCUMENT