

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Euromix NPS Base Render (Full Polymer)
Product Code	RENNPS
Material Use	A high strength acrylic modified, cement-based render that is designed to be mixed with water and applied correctly onto nonporous substrates
Appearance	Before mixing with water the material appears as a light grey or off-white blend of finely ground sand and powders with diameter < 1.0mm.
Supplier	Euroset Trading Pty Ltd
Address	31-33 Water Street Strathfield South NSW 2136
Telephone	(02) 9572 9061
Email	contact@euromix.com.au

2. HAZARD IDENTIFICATION

This product is classified as hazardous according to the Safe Work Australia guidelines. Not classified as a dangerous good by the criteria of the ADG code IMDG or IATA

GHS Classifications

Skin Corrosion/Irritation:	Category 2
Skin Sensitization:	Category 1B
Serious Eye Damage / Eye Irritation:	Category 2A
Specific Target Organ Systemic Toxicity (Repeated Exposure):	Category 2
Specific Target Organ Systemic Toxicity (Single Exposure):	Category 3

SIGNAL WORD**DANGER****Pictograms****Hazard statements**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure

Prevention statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response statements

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.	
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment is advised - see first aid instructions.
P362	Take off contaminated clothing and wash before re-use.

Storage statement(s)

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Disposal statement(s)

P501	Dispose of contents/container in accordance with relevant regulations.
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Date of Issue: July 2020

3. MATERIAL COMPOSITION

A small proportion of the fine dust associated with this product will contain 'Respirable Crystalline Quartz' (RCQ). While the product is wet and being applied as per the directions on the package the amount of airborne RCQ will be minimal but it is still recommended that proper PPE is worn. Once dry any residues, grinding or strong abrasive forces may reintroduce RCQ into the air so caution should be taken.

Ingredient	EC Number	Conc.	CAS No.
Portland Cement	266-043-4	20% - 50%	65997-15-1
Hydrated Lime	Not Available	Up to 5%	1305-62-0
Synthetic Additives	Not Available	5% - 10%	
Crystalline Silica (Quartz)	SiO ₂	< 1%	238-878-4
Quartz Sands	Not Available	50% to 70%	18540-29-9
Nonhazardous Ingredients	Not Available	Remainder	Not Available

Ingredient Notes 1. Depending upon the source material, may contain varying amounts of respirable quartz (crystalline silica).
2. Chromium VI is a trace of impurity found in Portland Cement (<20 ppm)

4. FIRST AID

Eye	Flush thoroughly with flowing water for at least 15 minutes and seek medical attention if symptoms persist. If wet cement is splashed into the eyes flush thoroughly with flowing water for 15 minutes and seek urgent medical attention.
Inhalation	Remove from dusty area to fresh air. If symptoms persist, seek medical attention.
Skin	Remove heavily contaminated clothing immediately. Wash off skin thoroughly with water. A shower may be required. Seek medical attention for persistent irritation or burning of the skin
Ingestion	Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Eye wash station.

Additional Information - Aggravated Medical Conditions

Inhalation	Over exposure resulting from prolonged and repeated inhalation of dust containing crystalline silica can cause bronchitis, silicosis (scarring of the lung.) It may also increase the risk of scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs) and lung cancer. Epidemiological studies have shown that smoking increases the risk of bronchitis, silicosis (scarring of the lung) and lung cancer in persons exposed to crystalline silica.
Skin	Prolonged and repeated skin contact with cement in wet concrete, mortars and slurries may result in irritant dermatitis or alkaline burns.
Eye	Irritating to the eye. If wet cement is splashed into the eye alkaline burns can cause permanent damage.

5. FIRE FIGHTING MEASURES

Specific Hazards	Non-combustible material
Fire Fighting Advice	Non-combustible material
Extinguishing Media	Non-combustible material

6. ACCIDENTAL RELEASE MEASURES

Dry Spills	Minimise dust levels and exposure while collecting the material (use mechanical ventilation or extraction where available) by damp sweeping or vacuuming. Can be slippery when wet. Collect in containers and dispose of as trade waste in accordance with site and local authority guidelines. Keep out of sewer and storm water drains.
Wet Spills	Slippery when wet. Clean up immediately – Collect in containers and dispose of as trade waste in accordance with the site and local authority guidelines. Keep out of sewer or storm water drains.

7. HANDLING AND STORAGE

Handling	Euromix NPS Base Render is supplied in 20 kg bags – recognized local safe lifting methods should be used. Avoid repeated skin contact with both the dry powder and the wet mixture.
Storage / Transport	Drivers of trucks and forklifts transporting Euromix Render should ensure that the sacks are properly restrained. Store off the floor, in a dry place and in the original bags.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	NOHSC Exposure Standards
Portland Cement	10 mg/m ³
Crystalline Silica (SiO ₂)	0.1 mg/m ³

Keep exposure to dust as low as possible, to minimise health problems such as skin, eye and respiratory irritation. Avoid repeated skin contact with both the dry and the wet mixtures.

Carry out work in such a way to minimise the exposure to dust and repeated skin contact. Use mechanical ventilation or extraction to minimize exposure where dust will be generated whilst handling the render. Work areas should be cleaned regularly by wet sweeping or vacuuming.

If preparation of the substrate to be rendered requires cutting or grinding of masonry then ensure that goggles, respirators and hearing protection are available and that they are worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point / Melting Point	N/A / >1200°C
Vapour Pressure	N/A
Specific Gravity	1.4 to 1.7kg/L
Appearance / Odour	Light Grey Powder / Slight Odour
Flashpoint	N/A
Flammability Limits	N/A
Solubility in Water	< 10 g/L
Particle Size	< 2 mm
pH	11 to 13

10. STABILITY AND REACTIVITY

Considered inert in powdered and solid state. Material will set when mixed with water and then allowed to dry.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No known toxicity data available for this product.
Eye	Irritant upon contact with dust. Over exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage.
Inhalation	Irritating to the respiratory system, causing coughing and sneezing. Over exposure may result in severe mucous membrane irritation and bronchitis. Hexavalent chromium is reported to cause respiratory sensitisation, however due to the trace amount present, a hazard is not anticipated under normal conditions of use. Crystalline silica can cause silicosis (lung disease) with chronic over exposure, however due to low levels present and product application, adverse health effects are not anticipated.
Skin	Irritating to the skin. Prolonged and repeated contact with powder or wetted form may result in skin rash, dermatitis and sensitisation.
Ingestion	Slightly corrosive. Ingestion may result in burns to the mouth and throat, with vomiting and abdominal pain. Due to product form, ingestion is not considered a likely exposure route.
Mutagenicity	Insufficient data available for this product to classify as a mutagen.
Carcinogenicity	Renderers are not classified as a carcinogen by NOHSC. Crystalline silica and hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1), however due to low levels present and product application, the criteria for classification is not met.

12. ECOLOGICAL INFORMATION

Collect dust and waste in containers and dispose of as trade waste in accordance with local authority guidelines. Do not dispose of in sewer and storm water drains.

13. DISPOSAL CONSIDERATIONS

No special requirements - Refer to Waste Management Authority and building site Management for local disposal guidelines.

14. TRANSPORT INFORMATION

Road and Rail	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).
Marine	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code).
Air	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation.

15. REGULATORY INFORMATION

The International Agency for research on cancer (IARC) has classified "Crystalline Silica" (Quartz or Cristobalite) As a Group 1 – Confirmed Human Carcinogen.

Studies have shown that smoking increases the risk of occupational respiratory diseases including those associated with exposure to crystalline silica. It is recommended that all storage and work areas should be smoke-free zones.

16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances.

Users must, prior to usage, assess and control the risks arising from its use of the material as Euroset Trading cannot anticipate or control the conditions under which the product may be used.

The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied is made.

For further information users should contact Euroset, via the contact details listed in Section 1 on Page 1 of this MSDS.

17. CONTACT POINT

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