

**Company details:**

IPC Pty Ltd
Units 2 & 3 / 31 Wentworth St.
Greenacre NSW 2190

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Web Site: www.decomix.com.au

Telephone: 02 9742 3047

Manufacturing Plant: IPC-Decomix - Units 2 & 3 / 31 Wentworth St., Greenacre NSW 2190

IDENTIFICATION

Product name: Decomix Render, Decomix Render Fine
Other names: Render
UN number: None allocated
Dangerous goods class and subsidiary risk: None allocated
Hazchem code: None allocated
Poisons schedule number: None allocated
Use: Rendering suitable background materials.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: A light grey or off-white mixture containing finely ground materials (Portland Cement, Fly Ash, Hydrated Lime, Sand and Acrylic Resins).
Boiling point / melting point: Not applicable
Vapour pressure: Not applicable
Specific gravity: Average SG approximately 2.7
Bulk density: 1500 to 1700 kg/m³
Flashpoint: Not applicable
Flammability limits: Not applicable
Solubility in water: Slight, hardens when mixed with water

OTHER PROPERTIES

Particle Size: < 2 mm
pH: Approximately 12

INGREDIENTS

Chemical Name:	CAS number	Proportion
Portland Cement	65997-15-1	10 – 20%
Hydrated Lime (Ca[OH] ₂)	1305-62-0	0 – 20%
Crystalline Silica (Quartz SiO ₂)	14808-60-7	60 – 80%
Hexavalent Chromium (water soluble)	18540-29-9	< 2 ppm

HEALTH HAZARD INFORMATION**HEALTH EFFECTS****ACUTE**

(effects may occur immediately or shortly after a single exposure)

Swallowed:

May cause burning sensation and abdominal discomfort.

Corrosive to mouth and throat.

Eyes:

Irritating and corrosive to eyes. May cause chemical conjunctivitis and redness and watering of eyes with damage to cornea.

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Skin: Irritating and drying to skin. May cause alkaline burns and irritant or allergic dermatitis, especially when wet. Water soluble hexavalent chromium may sensitise individuals.

Inhaled: Irritating to nose, throat and respiratory system causing coughing and sneezing.
CHRONIC (effects may occur after repeated or prolonged exposure)
Inhaled: Inhalation of dust through prolonged, repeated exposure 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.

Skin: Prolonged and repeated skin contact with wet mortar may cause both irritant dermatitis and allergic (contact) dermatitis. The latter is due to the presence of traces of water soluble hexavalent chromium in cement.

FIRST AID

If Swallowed: Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.

Eyes: Flush thoroughly with flowing water for at least 15 minutes. Seek urgent medical attention.

Skin: Wash thoroughly with water. A shower, using neutral soap and water may be required.

Inhaled: Remove from dusty area to fresh air. If symptoms persist, seek medical attention.

First Aid Facilities: Eye wash station.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE		
Exposure standards:	NOHSC (Worksafe Australia) Exposure Standard:	
	Portland Cement	10 mg/m ³
	Hydrated Lime	5 mg/m ³ (8h TWA)
	Crystalline Silica (quartz)	0.2 mg/m ³
	Hexavalent Chrome	0.05 mg/m ³
However, where a State or Territory prescribes a lower exposure standard, the lower exposure standard applies.		
Manufacturers' recommendations:		
Keep exposure to dust as low as practicable, to minimise health problems such as skin, eye and respiratory irritation.		
Avoid repeated skin contact with both the dry powder and the wet mixture.		
Engineering controls:		
Avoid generating dust. All work with cement based materials (eg render) should be carried out in such a way as to minimise exposure to dust and repeated skin contact. Where dust could be generated whilst handling cement, use local mechanical ventilation or extraction to minimise exposure to those involved. Follow personal protection instructions below if no local exhaust ventilation is available.		
Work areas should be cleaned regularly by wet sweeping or vacuuming. If generating dust cannot be avoided, see personal protection recommendations below.		

PERSONAL PROTECTION

Skin: Wear loose comfortable protective clothing and impervious boots.
Apply barrier cream to hands or wear gloves (AS 2161).
Wash thoroughly after handling.
Wash work clothes regularly.

Eyes: Safety spectacles with side shields or safety goggles (dust resistant AS/NZS 1336) should be worn if dust is likely to be generated.

Respiratory: If dust is generated wear a class P1 or P2 particulate respirator (AS/NZS 1715 and 1716). Use only respirators which bear the Australian Standards mark and are fitted correctly. Note: persons with facial hair will have difficulty in obtaining a satisfactory face seal. For alternatives see AS/NZS 1715: Selection and use of respiratory protective devices.

Flammability: Not flammable. Does not support combustion of other materials.

SAFE HANDLING INFORMATION

Handling:	EuroSkim and EuroRender are supplied in 20 kg bags and recognised local safe lifting methods should be used.
Storage and transport:	Drivers of trucks transporting EuroSkim and EuroRender should ensure that the sacks are properly restrained. Store off the floor, in a dry place, in the original bags.
Spills and disposal:	Follow safety requirements for personal protection under "Precautions for Use" on skin, eye and respiratory protection and sweep, vacuum or shovel whilst trying to minimise dust generation. Collect in containers and dispose of as trade waste in accordance with local authority guidelines. Keep out of sewer and stormwater drains.
Fire/explosion hazard:	Not flammable. Does not cause dust explosions.

OTHER INFORMATION

The International Agency for research on cancer (IARC) has classified "Crystalline Silica" (quartz or cristobalite) as a Group 1 - Confirmed Human Carcinogen.

Smoking: 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.

CONTACT POINT

For further information on this product, contact:

Telephone:	Office hours:	02 9742 3047
Facsimile:		02 9742 3046
Web site:		www.decomix.com.au

Advice Note:

The information in this document is believed to be accurate. Please check the currency of this MSDS by contacting:

02 9742 3047 or www.decomix.com.au

The provision of this information should not be construed as a recommendation to use this product in violation of any patent rights or in breach of any statute or regulation. 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 should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

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