Euromix™ Extreme Highbuild MSDS

Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	**Euromix™ Extreme Highbuild Render**
Product Code	**RENEXHB**
Supplier Name	**Euromix Pty Ltd** ABN 57 664 946 070
Address	31-33 Water Street, Strathfield South. NSW 2136
Telephone	02 9572 9061
Email	contact@euromix.com.au
Synonym(s)	Euro Extreme Highbuild, Euromix Extreme HB, Euromix Extreme Highbuild Render
Use(s)	Pre-blended, lightweight, high-build polymer modified levelling mortar, 100% recycled eco-aggregate that is suitable for most substrates for interior and exterior use.

2. HAZARDS IDENTIFICATION

This product is classified as hazardous according to the Work Health and Safety (WHS) Regulations and Safe Work Australia criteria. 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 1
Serious Eye Damage / Eye Irritation	Category 1
Specific Target Organ Toxicity (Single Exposure – Respiratory Tract):	Category 3
Specific Target Organ Toxicity (Repeated Exposure):	Category 2

SIGNAL WORD **DANGER**

Pictograms



Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to lungs and respiratory tract through prolonged or repeated exposure.

Prevention statements

P260	Do not breathe dust.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response statements

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor.
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.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
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 reuse.

Disposal statements

P501	Dispose of contents/container in accordance with relevant regulations.

UN No	None Allocated	**Hazchem Code**	None Allocated	**Pkg Group**	None Allocated
DG Class	None Allocated	**Subsidiary Risk(s)**	None Allocated	**EPG**	None Allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

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	Formula	Conc.	CAS No.
PORTLAND CEMENT	Not Available	20 - 40%	65997-15-1
NON-HAZARDOUS INGREDIENTS (INCLUDING 100% RECYCLED AGGREGATE FILLERS)	Not Available	Not Available	N/A

4. FIRST AID MEASURES

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. Lay patient down. Keep warm and rested. Apply artificial respiration if not breathing. Seek medical attention if symptoms persist.

Skin Remove heavily contaminated clothing immediately, including footwear. Wash off skin thoroughly with water (and soap if available). A shower may be required. Seek medical attention for persistent irritation or burning of the skin or contact Poison Hotline on 13 11 26.

Ingestion Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. Seek medical advice / attention immediately.

5. FIRE FIGHTING

Flammability Non-flammable. Does not support combustion of other materials.

Extinguishing Media Use extinguishing media suitable for the surrounding environmental fire context (Water Spray, foam, dry chemical powder).

Hazchem Code None allocated.

6. ACCIDENTAL RELEASE MEASURES

Spillage Clean up all spills immediately. Avoid generating dust. Wear dust-proof goggles, PVC/rubber gloves, a Class P2 respirator, coveralls and rubber boots. contact emergency services if appropriate. Clear area of all unprotected personnel.

Dry Spills Use dry clean up procedures (vacuum or shovel) and place in sealable containers for disposal.

Wet Spills Vacuum/shovel up and place in labelled containers. Prevent spill entering drains or waterways.

Emergency Procedures Follow safety requirements for personal protection under Section 8 Exposure Controls/Personal Protection.

7. HANDLING AND STORAGE

Storage Store off the floor in the original bags in a cool, dry and in a well-ventilated area. Reacts with moisture/water to form an alkaline slurry; keep strictly dry during warehouse storage.

Ensure packages are adequately labelled, protected from physical damage, and sealed when not in use.

Handling Euromix™ Extreme Highbuild is supplied in 17kg bags. Recognised local safe lifting methods should be used.

Avoid all personal contact, including inhalation of dust. Use only in well-ventilated areas. Wash hands thoroughly with soap and water after handling.

Before use, carefully read the product label. Use of safe work practices is recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking, and smoking in contaminated areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards PORTLAND CEMENT (655997-15-1)
ES-TWA: 10 mg/m^3 (Respirable Dust)

Engineering Controls Local exhaust ventilation is usually required to manage airborne dust levels.

PPE Wear safety glasses with side shields or chemical tight goggles and chemical protective gloves (e.g., Nitrile rubber, PVC). Wear long overalls and protective safety boots.
Wear a type P Filter respirator (Class P1 or P2) of sufficient capacity where an inhalation risk exist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light grey in colour	**Solubility (water)**	Reacts/Mixes to form an alkaline mortar paste
Odour	Odourless		
pH	11-13 (when mixed with water)	**VOC Content**	Not Applicable (0 g/L)
Vapour Pressure	Not Available	**Flammability**	Non-Flammable
Vapour Density	Not Available	**Flash Point**	Not Relevant
Boiling Point	Not Available	**Upper Explosion Limit**	Not Relevant
Melting Point	Not Available	**Lower Explosion Limit**	Not Relevant
Evaporation Rate	Not Available	**Autoignition Temperature**	Not Available



10. STABILITY AND REACTIVITY

Chemical Stability Chemically Stable under recommended dry, ambient warehouse conditions.

Conditions to Avoid Avoid accumulation of moisture, high humidity conditions and direct water exposure during storage.

Incompatible Materials Strong acids, moisture/water, ammonium salts and unalloyed base metals (aluminium, copper).

11. TOXICOLOGICAL INFORMATION

Inhalation Produces severe irritation of the respiratory system following inhalation, characterized by coughing or throat dryness.

Acute Toxicity No known toxicity data available for this product.

Eye Direct contact with dry powder or wet formulation produces severe ocular lesions and irreversible damage.

Skin Causes skin irritation. Direct contact with wet cement mix may generate localized burns or contact dermatitis. May produce skin sensitisation.

Ingestion Accidental ingestion may cause serious irritation and chemical burns to the oral mucosa and gastrointestinal tract.

Mutagenicity Insufficient data available for this product to classify as a mutagen.

Reproductive Insufficient data available to classify as a reproductive toxin.

12. ECOLOGICAL INFORMATION

Toxicity Product forms an alkaline slurry when mixed with water. Large entries of bulk quantities into localized waterways will increase the pH of the aquatic environment, which can act as a shock to localized freshwater or marine ecosystems.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Recycle wherever possible. Bury solid residue in an authorised landfill facility. Recycle empty packaging thoughtfully in commingled recycling infrastructure.

Environmental DO NOT allow wash water from cleaning or processing equipment to enter stormwater channels.

14. TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS by Road (ADG), Air (IATA)or Sea (IMDG).

Drivers of trucks transporting bagged product should ensure that the bags are properly restrained

Shipping Name	None Allocated				
UN No	None Allocated	**Hazchem Code**	None Allocated	**Pkg Group**	None Allocated
DG Class	None Allocated	**Subsidiary Risk(s)**	None Allocated	**EPG**	None Allocated

15. REGULATORY INFORMATION

All chemicals are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt. A poison schedule number has not been allocated to this product.

16. OTHER INFORMATION

Additional Info

CEMENT CONTACT DERMATITIS: Individuals using wet cement, mortar, grout or concrete could be at risk of developing cement dermatitis. Symptoms of exposure include itchy, red, swollen, hot, cracked or blistering skin with the potential for sensitisation. The dermatitis is due to the presence of soluble hexavalent chromium.

RESPIRATORS: In general, the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered, or air supplied respirators should be considered where prolonged or repeated use is necessary.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this MSDS report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare an MSDS report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:
MSDS – Material Safety Data Sheet
mg/m^3 – Milligrams per cubic metre
ppm – Parts Per Million
ES-TWA – Exposure Standard - Time Weighted Average
CNS – Central Nervous System
NOS – Not Otherwise Specified
pH – relates to hydrogen ion concentration – this value will relate to a scale of 0 – 14, where 0 is highly acidic and 14 is highly alkaline.
STOT SE – specific target organ toxicity (single exposure SE)
STOT RE – specific target organ toxicity (repeat exposure RE)
CAS# - Chemical Abstract Service Number – used to uniquely identify chemical compounds.

Report Status

This document has been compiled by Euromix Pty Ltd for the product and serves as the manufacturer's Material Safety Data Sheet.

While the information in this Material Safety Data Sheet has been prepared in good faith, Euromix Pty Ltd does not warrant that the information is accurate, complete, or up to date.

Contact Point

For further information on this product contact:

Telephone:	02 9572 9061
Emergency:	13 11 26 (Poison Information Line Australia)
Email:	contact@euromix.com.au
Web site:	www.euromix.com.au

Advice Note

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

02 9572 9061
or
www.euromix.com.au

Each user of any information, or any product referred to, in this Material Safety Data Sheet must:

- determine whether the information or product is suitable for their purpose;
- assess and control any risks associated with the information or product; and
- obtain professional advice in relation to the use of the information or product.

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