

Safety Data Sheet (SDS)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product identifier

Product name POLYMER MODIFIED RENDER
Synonym(s) NUREND PLUS * NUREND HIGHBUILD * NUCLAD * RIB * DADO * ROMANO * MARBLETEX DRY
TEXTURE * NUCRETE * NUPATCH * SAND & CEMENT * AAC PANEL ADHESIVE

Uses and uses advised against

Use(s) Render/Texture Coatings for walls

Details of the supplier of the product

Supplier name NUTEX COATINGS PTY LTD
Address 287 Wellington Rd, MULGRAVE, VIC, 3170, AUSTRALIA
Telephone (03) 9544 8666
Email info@nutex.com.au
Website http://www.nutex.com.au

Emergency telephone number(s)

Emergency Call doctor/physician or
13 11 26 (Poisons Information Centre)

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. NUTEX COATINGS accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS classification(s) Serious Eye Damage / Eye Irritation: Category 1+2
Skin Corrosion/Irritation: Category 2
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3

Label elements

Signal word DANGER

Pictogram(s)



Hazard statement(s)

H315 Causes skin irritation
H318 Causes serious eye damage
H335 May cause respiratory irritation
H350 May cause cancer
H373 May cause damage to organs, through prolonged or repeated exposure

Prevention statement(s)

P201+P202	Don't handle unless you have read and followed the Instructions on the package before use
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P260	Do not breath dust/fume/gas/mist/vapours/spray
P264	Wash thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280+P281	Wear correct PPE (protective gloves/eye/face protection)

Response statement(s)

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
P308+P310+P312+P314	If concerned, seek medical advice/attention
P313+P332	If eye or skin irritation persists, seek medical advice/attention
P321	Specific treatment is advised - see first aid
P362	instructions Take off contaminated clothing and wash before re-use

Storage statement(s)

P403+P233	Store in a well-ventilated place. Keep container tightly closed
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Disposal statement(s)

P501	Dispose of contents/container in accordance with relevant regulations
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Other hazards

No information provided

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substances / Mixtures

Ingredient	CAS Number	Content
CALCIUM HYDROXIDE	1305-62-0	≤5%
QUARTZ (CRYSTALLINE SILICA)	14808-60-7	≤1%
PORTLAND CEMENT	65997-15-1	≤30%
INGREDIENTS DETERMINED TO BE NON-HAZARDOUS		BALANCE

4. FIRST AID MEASURES

Description of first aid measures

Inhalation	Move subject to fresh air. Monitor and consult physician if concerned
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Eye Contact	If available, immediately flush skin and hair with Diphoterine® solution
	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Ingestion	If available, immediately flush eyes with Diphoterine® solution. The use of Diphoterine® has been shown to significantly reduce the risk of permanent injury
	For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once) If swallowed, do not induce vomiting

Most important symptoms and effects, both acute and delayed

Irritating to the eyes, skin and respiratory system. Chronic over exposure to silica quartz dust may result in silicosis (lung disease). Principal symptoms of silicosis are coughing and breathlessness. Some individuals may exhibit an allergic response upon exposure to this product, possibly due to the trace amounts of chromium present. Crystalline silica and hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1)

Immediate medical attention and special treatment needed

Treat as for moderate alkali and symptomatically

5. FIRE FIGHTING MEASURES

Extinguishing media

Non flammable. Use suitable extinguishing media for the surrounding fire

Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated

Advice for firefighters

No fire or explosion hazard exists

Hazchem code

None allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate

Environmental precautions

Prevent product from entering drains and waterways

Methods of cleaning up

Contain spillage, then collect and place in suitable containers for reuse or disposal. Avoid generating dust

7. HANDLING AND STORAGE

Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are 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.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from moisture, incompatible substances and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
CALCIUM HYDROXIDE	SWA (AUS)	--	5	--	--
CRYSTALLINE SILICA (RESPIRABLE)	SWA (AUS)	--	0.05	--	--
PORTLAND CEMENT PORTLAND CEMENT	SWA (AUS)	--	10	--	--

Biological limits

No biological limit values have been entered for this product

Exposure controls

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust

PPE

Eye / Face

Wear safety glasses or dust-proof goggles when handling material to avoid contact with eyes

Hands

Wear PVC, rubber or cotton gloves when handling material to prevent skin contact

Body

Wear long sleeved shirt and full-length trousers

Respiratory

Where an inhalation risk exists wear a Class P1 (Particulate) respirator, dependent on a site specific risk assessment

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	GREY POWDER
Odour	Cement
Flammability	Not Flammable
Flash Point	Not Relevant
pH	11 to 13 (when mixed with water)
Solubility in Water	Miscible in water
Stability	Stable

10. STABILITY AND REACTIVITY

Reactivity	None Known
Chemical stability	Stable under normal temperature conditions.
Hazardous reactions	None Known
Conditions to avoid	None Known
Incompatible materials	None Known
Hazardous decomposition products	Not Relevant

11. TOXICOLOGICAL INFORMATION

Information and symptoms related to exposure

Acute Toxicity	No data available
Skin Corrosion/Irritation	Repeated or prolonged exposure to skin can cause dermatitis
Serious Eye Damage/Irritation	Exposure can cause conjunctivitis and general irritation to the eyes
Respiratory or Skin Sensitisation	Dust can irritate airways. Prolonged exposure may cause coughing or wheezing
Germ Cell Mutagenicity	No data available
Carcinogenicity	This product contains crystalline silica which is classified as carcinogenic to humans (IARC Group 1). However, there is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis. Therefore, preventing the onset of silicosis will also reduce the cancer risk. Hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1), however due to the trace amounts present, the criteria for classification is not met.
STOT (Single)	Irritating to the respiratory system. Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in breathing difficulties
STOT (Repeated Exposure)	Repeated exposure to respirable silica may result in pulmonary fibrosis (silicosis). Silicosis is a fibronodular lung disease caused by deposition in the lungs of fine respirable particles of crystalline silica. Principal symptoms of silicosis are coughing and breathlessness. In the wet state, the likelihood of an inhalation hazard is reduced

Aspiration Hazard No data available

Numerical measures No data available

Immediate, delayed or chronic health effects from exposure

Immediate	Irritation of the eyes, skin and respiratory tract
Delayed	Allergic skin reaction, coughing and wheezing
Chronic	Increased chance of bronchitis, conjunctivitis, ulcers of the nose and dermatitis

Exposure levels

Exposure levels Increased chance of bronchitis, conjunctivitis, ulcers of the nose and dermatitis

Interactive effects

Inhalation	Respiratory conditions such as asthma can increase risk of coughing and wheezing
Skin contact	Sensitivity of the skin can lead to greater risk of allergic skin reactions

Data limitations Not Relevant

12. ECOLOGICAL INFORMATION

Toxicity	This product is not expected to be hazardous to the environment
Persistence and degradability	When mixed with water, this product will form into a hard mass that is non-degradable
Bio-accumulative potential	This product is not expected to bioaccumulate
Mobility in soil	A low mobility would be expected in a landfill situation
Other adverse effects	Avoid contamination of drains and waterways

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste in accordance with local regulations. Waste is considered hazardous. Material that has hardened (with the addition of water) is considered non-hazardous. The packaging is 100% recyclable, remove all traces of mixture from bag and dispose of in a recycling bin. Do not allow product to enter sewerage system as this will block the sewerage system.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

UN Number	None Allocated
Proper Shipping Name	None Allocated
Transport hazard class	None Allocated
Packing Group	None Allocated
Environmental hazards	Not Relevant
Special precautions for user	None Allocated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison schedule	Poisons Centre has been advised of the effects this product can have on your health
Classifications	Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals
Inventory listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt

16. OTHER INFORMATION

Additional information	PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this 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 this report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.	
Abbreviations	CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds CNS Central Nervous System
	GHS	Globally Harmonized System
	mg/m ³	Milligrams per Cubic Metre
	pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
	ppm	Parts Per Million
	STEL	Short-Term Exposure Limit
	STOT	Specific target organ toxicity
	SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
	SWA	Safe Work Australia
	TWA	Time Weighted Average
	ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail
	IMDG	International Maritime Dangerous Goods
	IATA	International Air Transport Association

Revision history

Revision	Description
1.2	Converted to WHS Regulations – March 2020
1.0	Initial Release – July 2014

Report status

The information presented herein is based on data considered to be accurate as of the date of preparation of this SDS. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, without a risk assessment for safe use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the products.

This Safety Data Sheet (SDS) applies only to the formulated material as supplied by Nutex Coatings. It does not apply where the formulation has been altered. In this case a new SDS may be required to reflect the modified material. Printed documents are uncontrolled. Refer to www.nutex.com.au regularly for a more recent copy of the SDS where it exists.

[End of SDS]