



## EM401 1MM FLOAT TEXTURE SAFETY DATA SHEET

EZY MIX TRADING AS NU-AGE PLASTER LTD

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier	
Product name	EM401 1mm Float Texture
Synonyms	Not available
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against	
Relevant identified uses	Use according to the manufacturer's directions

Details of the supplier of the safety data sheet	
Registered company name	Nu-Age Plaster Ltd
Address	Factory Rd Waharoa
Telephone	+64 7 888 4324
Fax	+64 7 888 4328
Website	www.ezymix.co.nz
Email	sales@ezymix.co.nz

Emergency telephone number	
Association / Organisation	NZ POISONS (24 hrs 7 days)
Emergency Telephone numbers	0800 737 363
Other emergency telephone numbers	Not available

### SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Considered a Hazardous substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for Transport of Dangerous Goods	
Classification	R37/38, R41, R48/20, R49
Risk Phrases	R37/38 Irritating to respiratory system and skin R41 Risk of Serious Damage to Eyes R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation R49 Carcinogenic Cat. 1 May cause cancer by inhalation
Safety Phrases	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28: After contact with skin, wash immediately with plenty of water and soap.
GHS Label Elements	

#### Hazard Statements

H315	Causes skin irritation
H317	May cause an allergic reaction
H318	Causes serious eye damage
H371	May causes damage to organs
H413	May cause long lasting effects to aquatic life

**Precautionary Statements**

<b>Prevention - P290</b>	Do not breath dust/fume/gas/mist/vapours/spray
<b>Response – P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Storage – P405</b>	Store locked up
<b>Disposal – P501</b>	Dispose of bags in accordance with local regulations

HSNO Classification: Classified as Hazardous according to the criteria in the HS (Minimum degrees of Hazard) Regulations 2001.

<b>Subclass 6.1D</b>	Substances that are acutely toxic - Harmful
<b>Subclass 6.5A</b>	Substances that are respiratory sensitisers
<b>Subclass 6.5B</b>	Substances that are contact sensitisers
<b>Subclass 8.2C</b>	Substances that are corrosive to dermal tissue UN PGIII
<b>Subclass 8.3A</b>	Substances that are corrosive to ocular tissue

<b>Statement of hazardous/dangerous nature</b>	HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS
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**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Mixture:	Yes	
<b>Sand (Crystalline Silica)</b>	14808-60-7	1 – 10%
<b>Portland Cement</b>	65997-15-1	15 – 40%
<b>Calcium Hydroxide</b>	1305-62-0	1 – 5%
<b>Additive to enhance workability</b>	-	0.5-5%

Other ingredients, determined not to be hazardous according to HSNO criteria.

**There are no additional ingredients present which, within current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment.**

**SECTION 4 FIRST AID MEASURES****Description of First Aid Measures**

<b>Eye Contact</b>	Obtain medical attention immediately. Immediately flush eyes with plenty of water. Check for and remove contact lenses. Continue flushing for 15 minutes. Chemical burns must be treated by a Doctor.
<b>Skin Contact</b>	Immediately remove contaminated clothing and footwear. Immediately rinse skin with plenty of water. Obtain medical attention if irritation occurs.
<b>Inhalation</b>	Remove victim to fresh air at rest in a position comfortable for breathing. Immediately obtain medical attention.
<b>Ingestion</b>	Do not induce vomiting. Flush mouth with plenty of water and offer water to drink. Never offer anything by mouth to an unconscious person. Get immediate medical attention if adverse health effects persist or are severe.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

<b>Skin and Eye Contact</b>	Injury should be irrigated for at least 20 minutes. Saline irrigation should be used.
<b>Inhalation</b>	Oxygen may be required Contact NZ Poisons if large amount inhaled.
<b>Ingestion</b>	Water and milk are the preferred diluents. Contact NZ Poisons if large amount ingested.

**SECTION 5 FIRE FIGHTING MEASURES**

Product is not considered flammable

<b>Suitable Extinguishing media</b>	All extinguishing media
<b>Special firefighting procedures</b>	Should be worn: Protective Clothing. Goggles. Self-contained breathing equipment  Evacuate area downward of fire
<b>Unusual Fire and Explosive Hazards:</b>	Hazardous products of combustion: Oxides of carbon.

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Precautions for safe handling**

<b>Personal precautions</b>	Evacuate immediate area. Provide adequate ventilation. Avoid breathing dust. Wear appropriate respirator if ventilation is inadequate. Do not touch or walk through spilled material. Wear appropriate PPE when clearing spill. Shut off all ignition sources.
<b>Environmental precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

<b>Large Spills</b>	Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via an approved waste disposal facility.
<b>Small spills</b>	Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via an approved waste disposal facility.



**Recommended material(s)****Protective Gloves**

Glove selection is based on the Forsberg Clothing Performance Index.

Material	CPI
Natural Rubber	A
Natural + Neoprene	A

**Respiratory Protection**

Type AX-P Filter of sufficient capacity.

Required Minimum Protection Factor	Half-Face Respirator	Full-face respirator	Powered Air respirator
Up to 10 x ES	AX P1 Air line Negative Pressure demand	-	AX PAPR-P1
Up to 50 x ES	Air line continuous flow	AX P2	AX PAPR-P2
Up to 100 x ES	-	AX P3	-
100+ x ES	-	Air line continuous flow	AX PAPR-P3

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Solid
<b>Colour</b>	Grey
<b>Odour</b>	None
<b>Solids</b>	100%
<b>Solubility in water</b>	30-50%
<b>pH</b>	12.0 approx.
<b>Melting Point</b>	Not Available
<b>Boiling Point</b>	Not Available
<b>Flash Point</b>	Not Available
<b>Evaporation Rate</b>	Not Available
<b>Flammability (solid, gas)</b>	Not Available
<b>Lower and upper explosive limits</b>	Not Available
<b>Vapour pressure</b>	Not Available
<b>Vapour Density</b>	Not Available
<b>Relative density</b>	2.5-3.0
<b>Partition coefficient: n-octanol/water</b>	Not Available
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Volatility</b>	Not Available
<b>VOC (w/w)</b>	0%

**SECTION 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	This product is stable
Possibility of Hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	Reactive or incompatible with the following materials: oxidising materials and acids
Hazardous decomposition	See section 5

## SECTION 11 TOXICOLOGICAL INFORMATION

## Information on toxicological effects

## Acute toxicity

Product / Ingredient name	Result	Species	Dose	Exposure
Portland Cement	Not available	-	-	-
Calcium Hydroxide	LD50 Oral	Rat	7340mg/kg	Severe

## Sensitisation

There is no data available

## Carcinogenicity

Classification

Product / Ingredient name	OSHA	IARC	NTP	ACGIH	EPA	NIOSH
Crystalline silica (Quartz)	-	1	Known to be a human carcinogen	A2	-	+

## Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Calcium Hydroxide	Category 3	Not Applicable	Respiratory tract irritation

## Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Calcium Hydroxide	Category 1	Inhalation	Kidneys, Respiratory tract and testes

<b>Aspiration Hazard</b>	There is no data available.
<b>Information on the likely routes of exposure</b>	Dermal contact. Eye Contact. Inhalation. Ingestion.

## Potential acute health effects

<b>Eye contact</b>	Causes serious eye damage
<b>Inhalation</b>	May cause respiratory irritation
<b>Skin contact</b>	Causes skin irritation
<b>Ingestion</b>	No known significant effects or critical hazards

## Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	Adverse symptoms may include pain, watering and redness
<b>Inhalation</b>	Adverse symptoms may include respiratory tract irritation, coughing and burning sensation.
<b>Skin contact</b>	Adverse symptoms may include pain or irritation, redness, blistering may occur.
<b>Ingestion</b>	Adverse symptoms may include burning sensation, abdominal cramps and pain, vomiting.

## Delayed and immediate effects and also chronic effects from short and long term exposure

## Short Term exposure

<b>Potential immediate effects</b>	No known significant effects or critical hazards.
<b>Potential delayed effects</b>	No known significant effects or critical hazards.

## Long Term exposure

Potential immediate effects	No known significant effects or critical hazards.
Potential delayed effects	No known significant effects or critical hazards.

## Potential chronic health effects

General	Causes damage to organs through prolonged or repeated exposure.
Carcinogenicity	May cause cancer if inhaled. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

Numerical measures of toxicity: There is no data available

## SECTION 12 ECOLOGICAL INFORMATION

## Toxicity

Product / Ingredient name	Result	Species	Exposure
Calcium Hydroxide	Acute LC50 33884.4µg/L Fresh water	Fish – Clarias gariepinus - Fingerling	96 hours

Persistence and degradability: There is no data available

Bioaccumulative potential: There is no data available

## Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>): Not available

Other adverse effects: No known significant effects or critical hazards

## SECTION 13 DISPOSAL CONSIDERATION

## Waste treatment methods

Product / packaging disposal	Containers may contain residue and can still pose a hazard when empty.
	Do not allow wash water from cleaning or process equipment to enter drains
	Recycle wherever possible or consult manufacturer for recycling options.

Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.

## SECTION 14 TRANSPORT INFORMATION

## Labelling

Marine Pollutant	No
HAZCHEM	Not applicable

Land transport (UN): Not regulated for transport of dangerous goods.

Air transport (ICAT-IATA / DGR): Not regulated for transport of dangerous goods.

**Sea transport (IMDG-Code / GGVSee):** Not regulated for transport of dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code:** Not regulated for transport of dangerous goods.

## SECTION 15 REGULATORY INFORMATION

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

This substance is to be managed using the conditions specified in an applicable group standard.

HSR Number	Group Standard
HSR002544	Construction Products (Subsidiary Hazard) Group Standard 2006

### Portland Cement (65997-15-1)

New Zealand Inventory of Chemicals (NZIoC)	New Zealand Workplace Exposure Standards (WES)
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### Calcium Hydroxide (1305-62-0)

New Zealand Hazardous Substances and New Organisms (HSNO) Act – Classification of Chemicals	New Zealand Workplace Exposure Standards (WES)
New Zealand Inventory of Chemicals (NZIoC)	

### Location Test Certificate

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations and Regulation 9 of the Hazardous substances (Classes 6, 8 and 9 Controls) Regulations, the substance must be under the personal control of an approved handler when present in a quantity greater than or equal to those indicated below.

Hazard Class	Quantity beyond which controls apply for closed containers	Quantity beyond which controls apply when use occurring in open containers
Not applicable	Not applicable	Not applicable

### Approved Handler

Subject to regulation 56 of the Hazardous Substances) Classes 1 to 5 Controls) Regulations and Regulation 9 of the Hazardous Substances (Class 6, 8 and 9 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

Class of Substance	Quantity
Not applicable	Not applicable

Refer Group Standards for further information.

### Tracking Requirements

Not Applicable

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (Portland cement, calcium hydroxide)
China IECSC	Y
Europe – EINEC / ELINCS / NLP	Y



Japan - ENCS	N (Portland cement)
Korea – KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	N (Portland Cement)
USA - TSCA	Y
<b>Legend</b>	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredient in brackets)

## SECTION 16 OTHER INFORMATION

### Ingredients with multiple CAS numbers

Name	CAS No.
Calcium hydroxide	1305-62-0, 1332-69-0

### History

Date of issue:	25/09/16
Version:	V5
Prepared by:	Nu-Age Plaster Ltd

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard that exists.