



# EM 525 CONCRETE - Material Safety Data Sheet

## 1. PRODUCT AND COMPANY INFORMATION

1.1 EZYMIX EM 525 Concrete is used in DIY and Construction applications.

1.2 EZYMIX EM 525

1.3 Nu-Age Plaster Ltd, Factory Rd, Waharoa 3440 (0800) 468243

1.4 Poisons Information Centre – (0800) 764 766 New Zealand

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation of the preparation:

### Product Description

Sand, Aggregates, General Purpose Cement and additive Blend for use in Construction.

Components . CAS Number	Proportion	Risk Phases
Sand (Crystalline Silica)	40-80%	R48/20, Carc. Cat 1 R49
-		
Portland Cement 65997-15-1	15-40%	R37/38, R41
Additives to enhance workability	0.5-5%	-

## 3. HAZARDS IDENTIFICATION

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

Subclasses:        Subclass 6.3 Category A – Substances that are irritating to the skin  
                         Subclass 6.7 Category A – Substances that are known or presumed carcinogens  
                         Subclass 6.9 Category B – Substances that are harmful to human target organs or systems  
                         Subclass 8.3 Category A – Substances that are corrosive to ocular tissue.

## 4. FIRST AID MEASURES

- 4.1        After contact with the eyes:  
                 Immediately rinse eyes with running water for at least 15 minutes.  
                 Seek Medical attention immediately
- 4.2        After Contact with Skin:  
                 If skin irritation occurs wash the affected area with water. Consult a doctor if the irritation remains.
- 4.3        After Inhalation:  
                 Not expected to cause detrimental effects, but if inhalation occurs, remove the person from exposure, give artificial respiration if required. Seek medical attention immediately.



## 5. FIRE FIGHTING MEASURES

5.1 Product is not considered flammable

Extinguishing Media:

Suitable: All Extinguishing Media

5.2 Special Fire Fighting Procedures:

Protective Clothing, goggles and self-contained breathing equipment should be available

Evacuate area downward of fire.

5.3 Unusual Fire and Explosive Hazards:

Hazardous products of combustion: Oxides of carbon.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:

Wear appropriate protective equipment and a particulate respirator when dusts present.

Large amounts:

Do not allow the product to enter drains, sewers or water ways. Sweep up spills and contain.

6.2 Disposal: Dispose of waste at an approved waste disposal facility.

## 7. HANDLING AND STORAGE

7.1 Handling:

Measures to prevent fire and explosion: No special measures required.

7.2 Storage:

Do not contaminate drinking water, food or feed by storage or disposal.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Ventilation: In processes where dusts may be generated, proper ventilation must be provided in accordance with the good ventilation practices.

8.2 Personal protective equipment:

Eye Protection: Safety Goggles

Hand Protection: PVC Gloves

Skin and body protection: Protective clothing, PVC apron and boots

Respiratory protection: Approved particulate respirator for when dust may be generated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Form:	Solid
9.2	Colour:	Grey
9.3	Odour:	No Odour
9.4	Solids	100%
9.5	Solubility in water:	30-50%
9.6	pH:	12.0 (approx.)



## 10. STABILITY AND REACTIVITY

10.1	Stability:	Stable under normal operating conditions
10.2	Materials to avoid:	Prevent contact with Oxidisers.
10.3	Hazardous decomposition Products:	Carbon oxides.
10.4	Dangerous reactions:	None.

## 11. TOXICOLOGICAL INFORMATION

11.1	Health Effects:	
	Swallowed:	May be harmful if swallowed.
	Eye:	May cause physical irritation to eye.
	Skin:	May cause a slight irritation.
	Inhaled:	May cause irritation if inhaled.

## 12. ECOLOGICAL INFORMATION

Avoid losses to the environment.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste to an approved waste disposal facility.

## 14. TRANSPORT REGULATIONS

Dispose of waste to an approved waste disposal facility

## 15. REGULATORY INFORMATION

R Phrases            R37/38, R41R48/20, R49

S Phrases            S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.  
S28: After contact with skin, wash immediately with plenty of water and soap.