



EM240 INTERNAL WATERPROOFING MEMBRANE (IWM) SAFETY DATA SHEET

EZY MIX LTD

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

Product Identifier	
Product name	EM240 Internal Waterproofing Membrane
Synonyms	Not available
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against	
Relevant identified uses	Wall & Floor surface primer prior to applying liquid membrane or tiling, application via brush, roller in internal wet areas.

Details of the supplier of the safety data sheet	
Registered company name	Ezymix 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 / Organization	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 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 cause damage to organs
H413	May cause long lasting effects to aquatic life

Precautionary Statements

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

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

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

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

Description: Aqueous artificial resin dispersion based on polystyrene acrylate.

CAS No	% Weight	Name
CAS: 2634-33-5	<0.05%	1,2-benzisothiazol-3(2H)-one
CAS: 55965-84-9	<0.0015%	Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one

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

There are no additional ingredients present which, within the 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**

Eye Contact	Rinse opened eye for several minutes under running water. Then consult a doctor if necessary. Rinse liquid should be tempered (20-30°C)
Skin Contact	Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.
Inhalation	Move to fresh air supply, consult a doctor in case of complaints
Ingestion	Rinse mouth out with water. Do not induce vomiting. Seek medical attention and produce this data sheet.

SECTION 5 FIRE FIGHTING MEASURES

Product is not considered flammable

Suitable Extinguishing media	All extinguishing media
Special firefighting procedures	Should be worn: Protective Clothing. Goggles. Self-contained breathing equipment Evacuate area downward of fire
Unusual Fire and Explosive Hazards:	When water is vaporized, generation of toxic gases cannot be excluded, e.g.: Carbon monoxide (CO), Nitrogen oxides (Nox)

SECTION 6 ACCIDENTAL RELEASE MEASURES

Precautions for safe handling

Personal precautions	Wear protective equipment. Keep unprotected people away.
Environmental precautions	Do not allow the product to reach a sewage system or any water course. Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

Large Spills	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.
Small spills	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.

SECTION 7 HANDLING AND STORAGE

Handling	Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles.
Storage	Store only in unopened original receptacles. Store in cool, dry conditions in well-sealed receptacles. Protect from freezing. Protect from heat and direct sunlight.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control Parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one		
Dermal	Derived no effect level	0.966 mg/kgxday (worker systemic long term value) 0.345 mg/kgxday consumer systemic long term value)
Inhalative	Derived no effect level	6.81 mg/m ³ (worker systemic long term value) 1.2mg/m ³ (consumer systemic long term value)
CAS: 55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)		
Oral	Derived no effect level	0.9mg/kgxday (consumer systemic long term value)
Inhalative	Derived no effect level	0.02mg/m ³ (worker local long term value) 0.02mg/m ³ (consumer local long term value)

PNECs

CAS: 55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	
Predicted No-Effect Concentration	0.01 mg/kgxdwt (earth rating factor) 0.00339mg/l (sea water rating factor) 0.00339 mg/l (fresh water rating factor)

Exposure Controls

Appropriate engineering controls	Only use where adequate ventilation is present. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled clothing and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with skin and eyes. Do not eat, drink or smoke while working
Personal Protection	
Eye Protection	Safety glasses with side shields
Hand protection	Chemical resistant gloves
Skin Protection	Personal protective equipment for the skin should be selected based on the task being performed and the risks involved.
Environmental exposure controls	Emmissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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

Physical State	Liquid
Colour	Blue
Odour	None
Odour Threshold	Not determined
Melting Point	Not Available
Boiling Point	100°C
Flash Point	Not determined
Decomposition Temperature	Not determined
pH at 20°C	>9.0 (DIN 19261)
Kinematic viscosity	Not determined
Solubility	Not determined
Water	Fully miscible
Vapor pressure at 20°C	24hPa (DIN 51640)
Density	Not determined
Bulk Density	Not determined
Vapor Density	Not determined
Form	Fluid
Ignition Temperature	Product is not self-igniting
Explosive Properties	Product does not present an explosive hazard
Organic Solvents	0.0%
EU-VOC (%)	0.0060%
EU-VOC (g/L)	0.0600 g/l
Oxidizing Properties	Not determined
Evaporation Rate	Not determined

SECTION 10 STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity is available for this product or its ingredients.
Chemical stability	This product is stable
Possibility of Hazardous reactions	No dangerous reactions known
Conditions to avoid	No further relevant information available
Incompatible materials	No further relevant information available
Hazardous decomposition	No dangerous decomposition products known

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity	Based on the available data, the classification criteria are not met
Skin corrosion/irritation	No data available at present
Serious eye damage/irritation	Causes eye discomfort
Respiratory or skin sensitization	Based on the available data, the classification criteria are not met
Germ cell mutagenicity	Based on the available data, the classification criteria are not met
Carcinogenicity	Based on the available data, the classification criteria are not met
Reproductive toxicity	Based on the available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	Based on the available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	Based on the available data, the classification criteria are not met

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity: No further relevant information available.

Typers of Test / Effective concentration / Method / Assessment	
CAS: 2634-33-5 1,2benzothiazol-3(2H)-one	
EC50/48h	3.27 mg/l (Daphnia)
LC50/96h	1.6 mg/l (Oncorhynchus mykiss (Rainbow Trout))
EC50/72h	0.11 mg/l (Selena strum capricornutum)
NOEC (21d)	1.2 mg/l (Daphnia)

12.2 Persistence and degradability No further relevant information available.

Other information the product is not easily biodegradable.

12.3 Bioaccumulative potential	
CAS: 2634-33-5 1,2benzothiazol-3(2H)-one	
EBAB	0.7 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties: The product does not contain any substances with endocrine disrupting properties.

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

14.1 UN number or ID number ADR, AND, IMDG, IATA	Not applicable
14.2 UN proper shipping name ADR, AND, IMDG, IATA	Not applicable
14.3 Transport and hazard class(es) ADR, AND, IMDG, IATA Class	Not applicable
14.4 Packing group ADR, IMDG, IATA	Not applicable
14.5 Environmental hazards:	No

14.6 Special precautions for user	Not applicable
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
Transport additional information:	Not dangerous according to the above specifications
UN "Model Regulation":	Not applicable

SECTION 15 REGULATORY INFORMATION

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

Product type: PAINTS AND VARNISHES

- Product subcategory: Primers
 - Water-based coating materials, limit value:30 g/l

Directive 2012/18/EU

Named dangerous substances – ANNEX I None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of use of central hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I – RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients listed.
Annex II – REPORTABLE EXPLOSIVE PRECURSORS
None of the ingredients listed.
Regulation (EC) No 273/2004 on drug precursors
None of the ingredients listed.
Regulation (EC) 111/2005 laying down rules for the monitoring of trade between the community and third party drug precursors
None of the ingredients listed.

15.2 Chemical safety assessment: A chemical safety assessment has not been carried out.

SECTION 16 OTHER INFORMATION

History

Date of issue: 24/08/2025

Version: V1

Prepared by: Ezymix 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.