

SAFETY DATA SHEET

E.MIX ES 110 (SINGLE COMPONENT LIQUID APPLIED WP MEMBRANE)

Printing date 01.01.2020

Version number 2

Revision: 01.03.2020

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

Product Name: **E.MIX ES 110**
(Single Component Liquid Applied Undertile Flexible Waterproofing Membrane)
Application: Liquid Applied Waterproofing Membrane
Chemical Family: Styrene-Butadiene Co-Polymer

2. HEALTH HAZARDS IDENTIFICATION

This product is not corrosive, not flammable, not reactive, not toxic and not explosive.

GHS Classification

This product is not classified as hazardous according to GHS criteria

GHS Label Elements and Precautionary Statements

This product does not require a hazard warning label in accordance with GHS criteria

Other hazards which do not result in classification

No specific danger known, if the regulation/notes for storage and handling are considered. May be irritating to eyes and respiratory tract in a closed confined area. No chronic hazard is expected when good industrial and personal hygiene is practiced

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains components that are not classified as hazardous as part of this mixture according to the GHS criteria (Hazards rendered ineffective due to nature of the mixture and/or too low concentrations).

<u>COMPONENT</u>	<u>% BY WEIGHT</u>
Polymer	50 - 60%
Filler	30 - 40%
Additives	5 - 10%

4. FIRST AID MEASURES

EYES In case of contact with eyes, immediately flush with clean, low-pressure water for 15 minutes. Hold and open eye lid to ensure adequate flushing. Seek medical attention.

SKIN Remove all contaminated clothing. Wash affected area thoroughly with soap and water. Seek medical attention if irritation or redness develops.

INHALATION Remove person to fresh air and rest. Seek medical attention if effect persist.

INGESTION Wash mouth and lips with water immediately. **DO NOT INDUCE VOMITING.** Do not give liquids. Seek medical attention immediately.

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5. FIRE FIGHTING MEASURES

General Fire Hazards

This product is non-flammable (water-borne system). If material is involved in fire, do not breathe fumes.

Suitable fire-extinguishing media

Water, foam, dry powder, CO²

Unsuitable fire-extinguishing media

None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions and protective equipment

Avoid contact; gloves, goggles and safety equipment should be used when handling chemicals. (Refer to Section 8 of this Safety Data Sheet)

Environmental precautions

Do not release wet material into drainages or water way.

Methods and materials for containment and cleaning up

Absorb spillage with absorbent materials such as sand, sawdust, paper, and straw. Allow to dry before disposing material in accordance with local disposal regulations.

7. HANDLING AND STORAGE

HANDLING

Under normal circumstances, this product will not exhibit health hazard. Good hygiene practice must be observed at all time. Avoid contact with eyes, skin and clothing. Keep away from children.

STORAGE

Keep containers tightly closed and store in a dry, well-ventilated area and away from direct sunlight.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION PROTECTIVE EQUIPMENTS



ENGINEERING CONTROL INHALATION PROTECTION EYE PROTECTION HAND PROTECTOR HYGIENE MEASURES

Use in adequate well-ventilated area.

Wear approved respirators.

Wear approved safety glasses/goggles.

Protective gloves are recommended.

Always wash hand before eating, drinking, visiting toilet and at end of each work shift.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid
COLOUR	Dark Grey
ODOUR	Slight ammonia odour
FLASH POINT	Not flammable
BOILING POINT	Not Determined
MELTING POINT	Not Determined
WATER SOLUBILITY	Soluble in water
SOLID CONTENT	> 80%
VISCOSITY @ 25°C	10,000 - 18.000cps
SPECIFIC GRAVITY	1.2 - 1.3

10. STABILITY AND REACTIVITY

STABILITY This product is stable in normal conditions of use and storage. However, avoid extreme temperature which can cause polymer decomposition.

MATERIALS AND CONDITION TO AVOID No specific data.

HAZARDOUS DECOMPOSITION PRODUCTS No hazardous decomposition products are expected if stored and handled as indicated.

HAZARDOUS POLYMERISATION No specific data.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION RELATED TO THE PRODUCT:

This product has been tested and all the toxicological statements have been derived from the respective Component available toxicity information.

ACUTE TOXICITY

Experimental / calculated data:

LD50, oral :> 5,000mg/kg (the product is not toxic/harmful if swallowed)

LD50, dermal :> 5.000mg/kg (the product is not toxic/harmful in contact with skin)

LC50, inhalation :> 20mg/L (the product is not toxic/harmful if inhaled)

SKIN AND EYE CORROSIVE / IRRITATION

This product is not expected to cause skin or eye irritation.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE AND REPEATED EXPOSURE)

Based on the available information, there is no specific target organ toxicity expected after a single or repeated exposure to the product.

CARCINOGENIC EFFECTS

No effects are known

MUTAGENIC EFFECTS

No effects are known

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12. ECOLOGICAL INFORMATION **ECOTOXICITY**

The product not expected to be toxic or harmful to aquatic life both short and long-term. Do not release into environment without coalescing. Salt and sea water will cause coalescing.

13. DISPOSAL CONSIDERATIONS

Disposal of container

Allow liquid to dry in the container. Peel off dried material and dispose. The container may be recycled and used for other function after thoroughly clean.

Disposal of material

Disposal of waste and residue in accordance to local authority requirement.

14. TRANSPORT INFORMATION

This product is not classified as dangerous goods under current provisions of the Code of International Carriage of Dangerous Goods and United Nations Transport Recommendations. No transport warning sign required.

ADR	Not Regulated
RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

15. REGULATORY INFORMATION **UK REGULATORY REFERENCES**

No known specific national and/or regional regulations applicable to this product (Including its ingredients).

ENVIRONMENTAL LISTING

No known specific national and/or regional regulations applicable to this product (Including its ingredients).

EU DIRECTIVES

Not classified

16. OTHER INFORMATION

DISCLAIMER

The information given is based on our knowledge of this product at the time of publication. It is given in good faith and user are responsible to determine the suitability of use of the product. Any suggestions and recommendations made are without guarantee and liability since conditions of use are beyond our control. Appropriate warning and safe handling procedures should be provided to all those who handle and use the product and no liability can be accepted for any loss, injury or damage resulting from its use.