

SAFETY DATA SHEET

XYPEX FCM 80 LIQUID



1. Identification: Product Identifier and Chemical Identity

Product Name: XYPEX FCM 80 LIQUID
Recommended use: Waterproofing and protection of concrete.
Company Name: Concrete Waterproofing Manufacturing Pty. Ltd,
T/A Xypex Australia (ABN 96 093 161 963)
Address: 76 Merkel Street, Thurgoona NSW 2640
PO Box 255, Lavington NSW 2641
Email: xypeng@xypex.com.au
Web: www.xypex.com.au
Phone: 02 60 402 444
Emergency Tel: AH 0418 479 448

2. Hazard(s) Identification

This material is classified as Hazardous according to the Globally Harmonised System of Classification and labelling (GHS) and Work, Health and Safety regulations, Australia.

Not classified as a Dangerous Goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (7th Edition)

Signal Word

Warning

Hazard Classification

Serious eye damage / eye irritation: Category 2A

Hazard Statements

H319 Causes serious eye irritation

Pictogram(s)



Precautionary Statements - Prevention

P280 Wear eye protection
P264 Wash with plenty of water and soap thoroughly after handling.

Responsive Precautionary Statements - 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.
P337 + P311 If eye irritation persists: Call Poison Information Centre 131126 or doctor/physician.

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Precautionary Statement - Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. Composition and Information on Ingredients

Ingredients	CAS No.	Proportion
ISOOCTYLPHENOL ETHOXYLATE	9004-87-9	0.5 - 1.5%
Formaldehyde	50-00-0	0.0 - <0.04%

4. First-Aid Measures

Eye Contact: Quickly and gently wash with copious amounts of clean water for at least 15 minutes holding the eyelids apart. Seek medical attention immediately if irritation persists.

Skin Contact: Remove contaminated clothing. Continuously wash with lukewarm water and soap as a precaution. If skin irritation persists, contact a physician.

Inhalation: Remove to fresh air. If symptoms persist seek medical attention.

Ingestion: Drink 1 or 2 glasses of water. Do not induce vomiting. Seek medical attention if necessary. Never give anything by mouth to an unconscious individual.

5. Fire-Fighting Measures

Suitable Extinguishing Media

Extinguishing media: water spray, foam, or dry powder

Precautions in Connection with Fire

Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. Accidental Release Measures

Personal Protective Measures

Suitable protective clothing (overalls), rubber or plastic gloves, eye/face protection is advised. Keep people away from a spill as slippery conditions may exist.

Environment Protection Measures

Do not allow into drains or water courses or sewers.

Methods for Cleaning Up

Contain spill immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking materials into a suitable container for recovery or disposal. Dispose of all contaminated materials in accordance with current local regulations.

7. Handling and Storage

Precautions for Safe Handling

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Use techniques / equipment / clothing to avoid skin contact with the liquid. Wash thoroughly after handling. Do not breathe vapours, mist or gas. Ensure adequate ventilation.

Storage Temperatures

Store in moderate environment; keep product from freezing. The recommended temperature range for storage 5°C to 60°C (41°F to 140°F). The shelf life is six months when stored under correct conditions.

8. Exposure Controls and Personal Protection

Substance	CAS No	Workplace Exposure Standards for Airborne Contaminants Safe Work Australia, December 2019				
		TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Notes
Formaldehyde	50-00-0	1	1.2	2	2.5	Carc. 2

Refer to Safe Work Australia website for more information

Hand Protection – Plastic/rubber (chemical resistant) gloves.

Eye and Face Protection – Wear safety goggles / glasses at all times when handling the product. Ensure the goggles/glasses have suitable side protection, are wide vision, and that there is no risk of product particles being able to enter the eye(s).

Refer to: AS/NZS 1337 – Eye Protectors for Industrial Applications.

Respiratory Protection – Ensure sufficient ventilation. It is recommended that a respiratory protection program meeting must be followed if exposure limits are exceeded. A properly fitted half mask with an air purifying respirator is required if the airborne concentrate exceeds 10 times the exposure limit.

Additional protection may include: eyewash station, shower facility and exhaust ventilation.

Hand and Skin Protection – Use impervious, abrasion and alkali resistant gloves, enclosed rubber boots that resist powder and liquid penetration. Wear suitable protective clothing (overalls) and enclosed footwear. Wash hands after each work period and before eating, smoking or drinking.

Refer to: AS/NZS 2161.1: Occupational Protective Gloves – Selection, use and maintenance

Body Protection – Use closed long-sleeved impervious protective clothing that protects skin from contact. Close all fittings at opening.

9. Physical and Chemical Properties

Appearance	Milky, White liquid
Odour	Faint Odour
pH	pH 6.5 – 8.5
Boiling Point Range	100° C (212°F) water
Flash Point	148° C
Flammability	Not Flammable
Explosive Limits	Not applicable
Vapour Pressure	23 mbar (20°C)
Density	<1.04 g/cm ³
Solubility in Water	Miscible
Solubility	Partly soluble (15°C)

10. Stability and Reactivity

Product is stable if stored and handled as prescribed / indicated.

Conditions to avoid: Avoid extreme heat.

Materials to avoid: none anticipated.

Hazardous decomposition products: None

11. Toxicological Information

Acute Oral Toxicity: LD50 rat > 2,000- 10,000 mg/kg – virtually not-toxic after a single ingestion.

Irritation / corrosion: Assessment of irritating effects: If the product adheres to skin, irritation may occur when it dries.

Skin Species: Rabbit

Result: non-irritant

Method: OECD Guideline 404.

Irritating to eyes, information on: ISOOCTYLPHENOL ETHOXYLATE

Species: Rabbit Result: Risk of serious damage to eyes.

Assessment of repeated dose toxicity: No adverse effects were observed after repeated inhalative exposure in animal studies.

The product has not been tested for irritation, or impact on eyes. The statements have been derived from substances/products of a similar structure or composition.

12. Ecological Information

Biodegradation: > 70%

Bioaccumulation: Based on its structural properties, the polymer is not biologically available. Accumulation in organism is not to be expected.

Environmental Toxicity:

Zebra fish / LC50 (96 h): > 100 mg/l

Daphnia magna / EC50 (48 h) > 100 mg/l

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. Disposal Considerations

Keep spills and materials from entering or contaminating sewers, water run-offs or open bodies of water. Dispose of all materials in accordance with current local regulations.

Packaging

Completely empty packaging and process it according to current regulations/legislation.

14. Transport Information

Not classified as a Dangerous Goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (7th Edition)

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

This material is classified as Hazardous according to the Globally Harmonised System of Classification and labelling (GHS) and Work, Health and Safety regulations, Australia.

UN Number: Non allocated

UN Proper shipping name: Non allocated

Class and subsidiary risk: Not applicable

Packing Group: Not applicable

Special precautions for user: No restrictions known for transport procedures.

Hazchem Code: None allocated

15. Regulatory Information

Global Harmonisation System of Classification and Labelling (GHS)

Work Health and Safety Act 2011 (Australia)

Work Health and Safety Regulation 2011 (Australia)

16. Other Information

This material is considered non-hazardous. The above information is based on technical data that we believe to be reliable at the time of issuing the SDS. Because conditions of use are outside our control, it is the responsibility of the user to verify safety data for combinations with other materials, or for use in specific processes, and to verify waste disposal requirements.

Abbreviations

GHS Global Harmonisation System of Classification and Labelling

ADG Australian Code for the Transport of Dangerous Goods by Road & Rail

OEL Occupational Exposure Limit

TWA Time Weighted Averages

STEL Short Term Exposure Limit

PPE Personal Protective Equipment

The information in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information given is based on technical data that we believe to be reliable at the time of issuing the SDS. Because conditions of use are outside our control, it is the responsibility of the user to verify safety data for combinations with other materials, or for the use in specific processes, and to verify waste disposal requirements.

END OF SDS