

FERLITH (powder) - TOUPRET**1 - IDENTIFICATION OF THE PRODUCT AND THE COMPANY**

Name of the product : **FERLITH (powder)**
Normal use : **Powdered coating for protection of reinforcing rods against corrosion.**

Company name and address : **TOUPRET SA**
24 rue du 14 juillet
91813 Corbeil-Essonnes Cedex (France)

Telephone : **+ 33 1 69 47 20 20**
Fax : **+ 33 1 60 75 87 11**

2 - COMPOSITION AND INFORMATION ON INGREDIENTS(*)

Description : Product made of cement, acrylic copolymer, mineral fillers and additives

Dangerous components presenting a risk according to Dangerous Directives 67/548/CEE :

Names	CAS number	Concentration	Symbol	R Phrases (**)
Cement	undetermined	>25 %	Xi	R 36/37/38 -R 42 R43

3 - HAZARDS IDENTIFICATION(*)

Main dangers:
Harmful effect on health : Xi irritant.
Physical and chemical dangers : R36/37/38 : Irritating to eyes, respiratory system and skin.
R42/43 : May cause sensitization by inhalation and skin contact.

4 - FIRST AID MEASURES(*)

General case : In case of doubt or if symptoms persist seek medical advice. NEVER give anything to someone unconscious.

After inhalation : Ventilate the locals. Take the patient out into open air and see a doctor for more safety

After contact with the skin : Take soiled clothes off. Wash with soapy water. DO NOT use solvents to take off the product

After contact with the eyes : Do not rub. Rinse immediately with water, keeping the eyelids opened, for at least 15 minutes. If irritation persists, consult an ophthalmologist.

After ingestion : In case of accidental ingestion, consult a doctor.

5 - FIRE FIGHTING MEASURES(*)

Extinguishing methods: not necessary
Extinguishing methods not to use : None.
recommendations : None. In case of fire, use a respiratory protective device.

6 – ACCIDENTAL RELEASE MEASURES (*)

Personal precautions :	Wear gloves, goggles and protection clothes. Wear an anti-dust mask if necessary.
Environmental protection measures :	Collect the maximum of the product sweeping or by aspiration. Do not discharge the product in sewers. Avoid cleaning the floor with water, it could make it slippery

7 - HANDLING AND STORAGE (*)

Handling	Avoid any contact with eyes and skin Avoid powder scattering Do not drink, eat or smoke during handling
Storage :	Store in a dry place. Keep the bags sealed.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION (*)

Components with threshold values to be monitored at each workstation :	Cement Portland : VLE – VME : 10 mg / m ³ .
Control of exposure	Ventilate properly the premises where the products is stocked and/or handled. Do not disperse the product in the premises
Respiratory protection :	use respiratory filter device.
Hand protection :	Protective gloves.
Eye protection :	Tightly sealed goggles.
Skin protection :	Complete skin protection wear

9 - PHYSICAL AND CHEMICAL PROPERTIES

Form :	solid (powder)
Odour :	Slight smell of ammonia
Colour :	Blue
pH :	around 12 at 20°C (100g/l)
Flash point :	Not applicable
Explosion risk :	Not applicable
Bulk density :	1.15 – 1.25 t/m ³ (including air inside the powder)
Solubility in water :	light

10 - STABILITY AND REACTIVITY (*)

Conditions to be avoided :	to store in a wet place
Recommendations :	avoid any contact with strong acids and strong oxidizing agents.
Dangerous decomposition products :	None

11 - TOXICOLOGICAL INFORMATION (*)

To evaluate the toxicological effects deriving from the exposure to the preparation it is necessary to consider the concentration of the various substances. Toxicological information concerning the principal substances contained in the preparation is reported hereafter : The product does not contain any substances comprising particular toxic effects.

12 - ECOLOGICAL INFORMATION (*)

Toxicity on environment

Toxicity effects on environment are possible only in the event of considerable dispersions in the presence of water because of the basic pH.

13 - DISPOSAL CONSIDERATIONS (*)

Waste disposal :

Recover if possible. Eliminate as for current building materials according to local and national regulations.

14 - TRANSPORT INFORMATION (*)

This product has not been classified according to regulations land transport RID / ADR, maritime transport IMDG, air transport ICAO / IATA.

Special conditions applying to transport:

Carry the product in the car outside of water and completely dry.

15 - REGULATORY INFORMATION (*)

When placed in water, cement develops an alkaline pH which causes irritations and can release chromium ions IV which may cause sensitization by contact with the skin. This product has been labelled as a dangerous substance according to Directive on hazardous materials 1999/45/CE.

Danger classification :

Xi irritant

Contains :

cement

R phrases :

R36/37/38 : Irritating to eyes, respiratory system and skin.

R42 / 43 : May cause sensitization by inhalation and skin contact.

S phrases :

S2 : Keep out of the reach of children.

S24/25 : Avoid contact with skin and eyes.

S 26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 - FURTHER INFORMATION

Recommended uses (for more details, please refer to the technical data sheet) :

Users' conditions of work not being known to us, the information given in the present safety data sheet is based on the our present knowledge and on both national and EC regulations.

This sheet completes the technical instructions for use, but does not replace them. The information it contains is based on our present knowledge relating to the product concerned, on the date indicated and are given in good faith. Moreover, users' attention is drawn to possible risks incurred when a product is used for other purposes than those for which it is designed.

It does not, in any case, exempt the user from knowing and applying all texts governing his activity. It is his responsibility, and his alone, to take all necessary precautions linked to the use he makes of the product.

The information given in the present sheet should be considered to be a description of the safety requirements relating to our products and not as a range of the properties of this.

The user is not in any way dispensed from finding out and implementing all the texts governing its activity. The user will be solely responsible for taking all the necessary precautions associated with the use he makes of the product.

The information given in this leaflet must be considered as a description of the safety requirements relating to our product, and not as a range of the product's properties.

(*) : Altered data compared to the previous version altered

(**) : The listed risk phrases (R phrases) refer to section 2 :

R36/37/38 : Irritating to eyes, respiratory system and skin.

R42 : May cause sensitization by inhalation.

R43 : May cause sensitization by skin contact.