

MUREX - TOUPRET

1 - IDENTIFICATION OF THE PRODUCT AND THE COMPANY *

1-1 Name of the product : **MUREX**
1-2 Normal use : **All substrates filler**

1-3 Identification of company : **TOUPRET SA**
24 rue du 14 juillet
91813 Corbeil-Essonnes Cedex (France)

Telephone : **+ 33 1 69 47 20 20**
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2 – HAZARDS IDENTIFICATION *

2-1 Main dangers:
Harmful effect on health : Irritating to eyes, respiratory system and skin because of a partial hydration and of the high pH which results from it.
Prolonged and repeated skin contact may cause a sensitising effect due to the presence of track of elements such as chromium VI.

Hazards for environment : The product may be toxic to aquatic life because of the high pH.
Physical and chemical dangers : Presence of cement : high pH.

2-2 Classification of preparation : Xi : Irritant.

3 - COMPOSITION AND INFORMATION ON INGREDIENTS *

3-1 Description : Product made of hydraulic binders, mineral fillers and additives.
3-2 Dangerous components presenting a risk according to Dangerous Directives 67/548/CEE:

Names	EEC number	CAS number	Concentration	Symbol	R Phrases
Cement	-	-	25 - 50 %	Xi	R36/37/38 – R43

The listed risk phrases (R phrases) is in the section 16.

4 - FIRST AID MEASURES

4-1 General case : In case of doubt or if symptoms persist seek medical advice.
NEVER give anything to someone unconscious.

4-2 After inhalation : Take the patient out into open air and make him expectorate. If symptoms persist, consult a doctor.

4-3 After contact with the skin : Take soiled clothes off. Wash immediately with soapy water and rinse.

4-4 After contact with the eyes : Rinse immediately and abundantly with water keeping the eyelids opened for at least 10 minutes. If irritation persists, consult an ophthalmologist.

4-5 After ingestion : Do not make throw up. Wash out mouth with water and give plenty of water to drink. Get immediate medical attention.

5 - FIRE FIGHTING MEASURES

5-1 Extinguishing methods:	In case of fire the product doesn't spontaneously ignite. All extinguishing methods are possible : water spray, foam, powders, CO2.
5-2 Personal fire fighting equipment :	Wear self-contained breathing apparatus in case of fire.
5-3 Recommendations:	In case of massive storage of the product, avoid slippery floor by using water because this could make the rescue impossible. Do not allow fire-fighting effluent to penetrate into sewers or water courses.

6 – ACCIDENTAL RELEASE MEASURES *

6-1 Personal precautions :	Avoid contact with skin and eyes. Avoid inhalation of dusts. Wear protective equipment as described under section 8.
6-2 Environmental protection measures :	Prevent any penetration into sewers or water courses.
6-3 Cleaning/recovery methods :	Collect the maximum of the product sweeping or by aspiration and put in a suitably labelled packaging. For residues disposal, refer to section 13. Avoid cleaning the floor with water, it could make it slippery.

7 - HANDLING AND STORAGE *

General information :	Keep out of the reach of children.
7-1 Handling	
Precautions to be taken during handling :	Avoid powder scattering. Avoid contact with skin, eyes and mucous membranes.
Prevention of fire and explosions :	No particular measures are required.
7-2 Storage	
Storage conditions :	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.
- Recommended :	To maintain the quality and properties of the product, keep : <ul style="list-style-type: none">- the container firmly closed,- in a dry and ventilated place,
- Unsuitable :	Storage the product in the presence of water.
Packaging materials :	Original ones.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION *

8-1 Components with threshold values to be monitored at each workstation :	This product does not contain any components with threshold values to be monitored. However health and safety regulations at work specify that inhaled air dust average concentrations estimated on a period of 8 hours must not go over 10 and 5 mg/m ³ of air.
8-2 Exposure control :	
8-2-1 Exposure control professionally :	None.
8-2-1-1 Personal protection :	
Respiratory protection :	If exposition to dust, use appropriate respiratory protection.
Hand protection :	Protective gloves. Barrier creams may be used.
Eye protection :	Tightly sealed goggles. Do not wear a contact lens.
Skin protection :	Complete protective clothing.
8-2-1-2 General health and safety measures :	When using, do not drink, eat or smoke
8-2-2 Environmental exposure control :	No datum is available.

9 - PHYSICAL AND CHEMICAL PROPERTIES

9-1 General information :

Form : powder
Colour : White
Odour : product specific

9-2 another information :

pH : 12 when prepared as a paste
Bulk density : approximately 0,9
Solubility in water : Dispersible and partially soluble

10 - STABILITY AND REACTIVITY *

10-1 Stability : Stable at ambient temperature and in normal use conditions. Humidity may cause the grip of the cement.

10-2 Dangerous reactions : None dangerous reaction in normal conditions of storage. None dangerous decomposition products in normal conditions of storage. The grip of the cement comes along with a light rise of the temperature.

11 - TOXICOLOGICAL INFORMATION *

No datum on the preparation itself is available.

Data available on components below :

Names	CAS number	Concentration	Symbol	R Phrases
Cement	-	25 - 50 %	Xi	R36/37/38 – R43

11-1 Acute Toxicity :

- After contact with the eyes : May cause corneal damage by mechanical stress, immediate or delayed irritation or inflammation. May cause effects ranging from moderate eye irritation to severe chemical burns.

- After inhalation : May irritate the throat and respiratory tract.

- After ingestion : May cause irritation to the gastrointestinal tract. In case of ingestion in great quantities: burns of the mouth, the oesophagus, the stomach, the digestive tract, the nausea, the vomits.

- After contact with the skin : May irritate the wet skin by partial hydration entailing a high pH. Prolonged contact with some cement mixed in some water can provoke a burn of the skin.

11-2 Chronic Effects :

- Sensitising effects : Prolonged skin contact may cause a sensitising effect, allergy due to the presence of track of elements such as chromium VI.

- Carcinogenicity : No known effect on components.

- Mutagenicity : No known effect on components.

12 - ECOLOGICAL INFORMATION

No datum on the preparation itself is available.

Do not discharge in sewers. No water polluting effect known.

In case of draining in some water, the product entails a rise of the pH of the water.

13 - DISPOSAL CONSIDERATIONS

13-1 Product :

Prohibitions : Do not discharge the product in sewers or waterways.
Disposal : Discharge with rubbish. Dispose at hazardous or special waste collection point. Respect the local current regulations.

13-2 Packaging :

Dispose at hazardous or special waste collection point. Respect the local current regulations.

14 - TRANSPORT INFORMATION

14-1 Labelling according to regulations land transport RID / ADR, maritime transport IMDG, air transport ICAO / IATA : This product has not been classified

Special conditions applying to transport: Carry the product in the car outside of water and completely dry.

15 - REGULATORY INFORMATION

15-1 Labelling 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.

R43 : May cause sensitization by skin contact.

S phrases :

S2 : Keep out of the reach of children.

S24/25 : Avoid contact with skin and eyes.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 : Wear suitable gloves.

S 46 : If swallowed, seek medical advice immediately and show this container or label.

S56 : Dispose of this material and its container to hazardous or special waste collection point.

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.

(*) Alterations with regard to the previous version.

The listed risk phrases (R phrases) refer to section 3 :

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

R43 : May cause sensitization by skin contact.