

SAFETY DATA SHEET

Previous revision : 2015-11-23

(in accordance to annexe II of regulations REACH of EU 1907/2006)

Updated : 2017 / 01 / 25

Version : 4 EN [eq 5 FR]

MUR EX - TOUPRET

SECTION 1 - IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY *

1-1 Product identifier : **MUR EX**
 1-2 relevant identified uses of the mixture : Filler
 1-3 Details of the supplier of the safety data sheet :
 Supplier : **TOUPRET UK LTD**
 Address : 25 North Row
 London W1K 6DJ - UK
 Telephone number : +44 (0) 20 3691 6747
 Fax : +44 (0) 20 3691 6751
 Email : fdstoupret@toupret.fr
 1-4 Emergency telephone number : 112

SECTION 2 – HAZARDS IDENTIFICATION

2-1 Classification of the mixture :
 Eye Dam.1 - H318 Skin Sens. 1B - H317.
 The listed risk phrases is in the section 16.

2-2 Label elements :

**DANGER**

Contains cement.

H317 : May cause an allergic skin reaction.

H318 : Causes serious eye damage.

H335 : May cause respiratory irritation.

P102 : Keep out of reach of children.

P261 : Avoid breathing dust.

P280 : Wear protective gloves / protective clothing / eye protection / face protection.

P302 + P352 : IF ON SKIN : Wash with plenty of soap and water.

P305 + P351 + P338 : IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363 : Wash contaminated clothing before reuse.

P501 : Dispose of contents / container to hazardous or special waste collection point.

2-3- Other hazards : The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

Prolonged and repeated skin contact may cause a sensitising effect due to the presence of trace of elements such as chromium VI. The product may be toxic to aquatic life because of the high pH. During the preparation or when sanding, the methods used may generate dust. Prolonged inhalation and mass of the dust have little effect on health.

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

3-2 Mixtures :

Product made of cement, mineral fillers , binders and additives.
This product contains traces of quartz from mineral fillers.

substances	concentration	CAS number EC number REACH number	Classification	VLEP (8 h)
Cement portland	< 10 %	65997-15-1 266-043-4 -	STOT SE 3 H335 – Skin Irrit. 2 H315 – Eye Dam.1 H318 – Skin Sens. 1B H317	
silica (quartz respirable dust).	< 1 %	14808-60-7 238-878-4 -	STOT RE1 – H372	0.1 mg/m3
Dust of Cement portland	< 0,25 %	68475-76-3 270-659-9 01-2119486767-17-xxxx	STOT SE 3 H335 – Skin Irrit. 2 H315 – Eye Dam.1 H318 – Skin Sens. 1B H317	

The listed risk phrases is in the section 16.

SECTION 4 - FIRST AID MEASURES

4-1 Description of first aid measures :

No particular measures required.

4-1-1 After inhalation :

Take the patient out into open air and make him expectorate.

4-1-2 After contact with the skin :

Remove contaminated clothing. Wash immediately with soapy water and rinse in order to eliminate the product.

4-1-3 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.

4-1-4 After ingestion :

NEVER give anything to someone unconscious. Rinse mouth, drink water and consult a doctor. Do not make throw up.

4-2 Most important symptoms and effects, both acute and delayed :

4-2-1 After inhalation :

Respiratory tract irritation, inflammation of the nasal mucosa.

4-2-2 After contact with the skin :

May irritate the skin moist. Prolonged contact may cause skin burns, sensitization, allergy.

4-2-3 After contact with the eyes :

Mechanical irritation such as solid particles irritating. Irritation of the eyelids and corneal damage.

4-2-4 After ingestion :

In large quantities: burns of the mouth, esophagus, stomach, digestive tract, nausea, vomiting.

4-3 Indication of any immediate medical attention and special treatment needed :

In case of doubt, irritation persists or if symptoms persist seek medical advice or an ophthalmologist.

SECTION 5 - FIREFIGHTING MEASURES

5-1 Extinguishing media :

In case of fire the product doesn't spontaneously ignite.

- Suitable extinguishing media :

water spray, foam, powders, CO2.

- Unsuitable extinguishing media :

direct water jet

5-2 Special hazards arising from the mixture :

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. Decomposition products may optionally contain carbon dioxide and carbon monoxide.

5-3 Advice for firefighters :

Appropriate protective equipment may be required.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6-1 Personal precautions, protective equipment and emergency procedures :

6-1-1 For non-emergency personnel :

Avoid contact with skin and eyes. Avoid breathing dust. Wear protective equipment indicated in Section 8. In case of dust formation, wear a respirator P2 type.

6-1-2 For emergency responders :

Avoid contact with skin and eyes. Avoid breathing dust. Wear protective equipment indicated in Section 8. In case of dust formation, wear a respirator P2 type.

6-2 Environmental precautions :

No particular measures required. Prevent any penetration into sewers or water courses.

6-3 methods and materials for containment and cleaning up :

6-3-1 Appropriate advice to contain a spill :

Not necessary.

- 6-3-2 Appropriate advice to clean-up a spill : Collect the maximum of the product by aspiration. up avoiding dust formation. Collect in closed containers and properly labeled for disposal.
- 6-3-3 Any other informations : Avoid cleaning the floor with water, it could make it slippery.
- 6-4 Reference to other sections : Refer to section 8 and 13.

SECTION 7 - HANDLING AND STORAGE

General information : No particular measures required.

7-1 Precautions for safe handling :

7-1-1 Recommendations shall be specified to

- allow safe handling : Prevent the spread of dust. In case of insufficient ventilation, wear suitable respiratory mask, P2 type. Close opened containers carefully. Avoid contact with skin, eyes and mucous membranes.
- prevent fire and explosions : No datum is available.
- Reduce the release to the environment : Prevent any penetration into sewers or water courses.

7-1-2 Advice on general occupational hygiene : Not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing before entering eating areas.

7-2 Conditions for safe storage, including any incompatibilities : No particular measures required.
To maintain the quality and properties of the product, keep : the container firmly closed, keep in a dry and ventilated place. Not store the product in the presence of water.

7-3 Specific end use : No relevant.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8-1 Control parameters :

8-1-1 DNEL et PNEC :

substances	CAS number	DNEL	PNEC
Dust of Cement portland	68475-76-3	4 mg/m ³ for inhalation	none

8-1-2 Occupational exposure limit values :

substances	CAS number	VLEP (8 h)
deemed ineffective specific dust (total - alveolar)	-	10 – 5 mg/m ³
silica (quartz respirable dust).	14808-60-7	0.1 mg/m ³

8-2 Exposure controls :

8-2-1 Appropriate engineering controls : Minimize the generation of dust in the air. Working in a room equipped with a suction system, ventilated or aerated.

8-2-2 Individual protection measures, such as personal protective equipment :



General hygiene measures :

Not eat, drink and smoke in work areas.

Eye / face protection :

In case of risk of dust, wear safety goggles.

Hand protection :

Impervious protective gloves lined inside with cotton. The "barrier" creams may be used.

Skin protection :

Full protective clothing.

Respiratory protection :

A P2 protective mask is recommended during preparation and sanding.

Thermal hazards :

No datum is available.

8-2-3 Environmental exposure controls :

No datum is available.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9-1 Information on basic physical and chemical properties :

- a) Appearance : powder - white
- b) Odour : specific
- c) Odour threshold : not determined – not applicable.
- d) pH : approximately 12 when prepared as a paste 50 % water at 20°C
- e) Melting point / freezing point : not determined – not applicable
- f) Initial boiling point and boiling range : not determined – not applicable
- g) Flash point : not determined – not applicable
- h) Evaporation rate : not determined – not applicable
- i) Flammability : not determined – not applicable
- j) Upper / lower flammability or explosive limits : not determined – not applicable
- k) Vapour pressure : not determined – not applicable
- l) Vapour density : not determined – not applicable

- m) Relative density : approximately 0.9
- n) Solubility : Dispersible in water (in all proportions)
- o) Partition coefficient : n-octanol/water : not determined – not applicable
- p) Auto-ignition temperature : not determined – not applicable
- q) Decomposition temperature : not determined – not applicable
- r) Viscosity : not determined – not applicable
- s) Explosive properties : not determined – not applicable
- t) Oxidising properties : not determined – not applicable

9-2 Other information :

Quantity of VOC : not determined – not applicable

SECTION 10 - STABILITY AND REACTIVITY

- 10-1 Reactivity : No reactive.
- 10-2 Chemical stability : Stable at ambient temperature and in normal use conditions.
Humidity may cause the grip of the cement.
- 10-3 Possibility of hazardous reactions : None dangerous reaction in normal conditions of storage.
Keep away from moisture which can cause the grip of the cement.
- 10-4 Conditions to avoid : Keep away from acids.
- 10-5 Incompatible materials : None known.
- 10-6 Hazardous decomposition products : None dangerous decomposition products in normal conditions of storage.

SECTION 11 - TOXICOLOGICAL INFORMATION

No datum on the preparation itself is available.

11-1 Information on toxicological effects :

11-1-1 Mixture :

- a) Acute toxicity : Based on available data, the classification criteria that apply are those of the main substance. May cause respiratory tract irritation, inflammation of the nasal mucosa. 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, and the vomits.
- b) Skin corrosion / irritation : Based on available data, the classification criteria that apply are those of the main substance. 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.
- c) Serious eye damage / irritation : Based on available data, the classification criteria that apply are those of the main substance. 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.
- d) Respiratory or skin sensitisation : Prolonged skin contact may cause a sensitising effect, allergy due to the presence of track of elements such as chromium VI.
- e) Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- f) Carcinogenicity : Based on available data, the classification criteria are not met.
- g) Reproductive toxicity : Based on available data, the classification criteria are not met.
- h) STOT-single exposure : Based on available data, the classification criteria are not met.
- i) STOT-repeated exposure : Based on available data, the classification criteria are not met.
- j) Aspiration hazard : Based on available data, the classification criteria are not met.

11-1-2 Available information regarding substances in the mixture : Cement (CAS number 65997-15-1)

- a) Acute toxicity : No figures. May cause respiratory tract irritation, inflammation of the nasal mucosa. 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, and the vomits.
- b) Skin corrosion / irritation : 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.
- c) Serious eye damage / irritation: 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.
- d) Respiratory or skin sensitisation: Prolonged skin contact may cause a sensitising effect, allergy due to the presence of track of elements such as chromium VI.
- e) Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- f) Carcinogenicity : Based on available data, the classification criteria are not met.
- g) Reproductive toxicity : Based on available data, the classification criteria are not met.

- h) STOT-single exposure : Based on available data, the classification criteria are not met.
 i) STOT-repeated exposure : Based on available data, the classification criteria are not met.
 j) Aspiration hazard : Based on available data, the classification criteria are not met.

11-1-3 Information on likely routes of exposure :

Inhalation and exposure of the skin / eyes are the main routes of exposure. Effects are those solid particles.

SECTION 12 - ECOLOGICAL INFORMATION

- 12-1 Toxicity : No datum on the substance and the mixture are available.
 12-2 Persistence and degradability : No datum on the substance is available.
 12-3 Bioaccumulative potential : No datum on the substance is available.
 12-4 Mobility in soil : No datum on the substance is available.
 12-5 Results of PBT and vPvB assessment : No datum on the substance is available.
 12-6 Other adverse effects : No datum on the substance and the mixture are available.
 Do not discharge in sewers or water courses to avoid accumulation.

SECTION 13 - DISPOSAL CONSIDERATIONS

13-1 Waste treatment methods :

- Type of waste : hazardous waste when in powder : HP4
 Not-hazardous waste after curing with water.
 Waste code : 08-02-01 : waste from powder coatings.
 Product : Waste from residues or unused products to the extent possible, recycling is preferable to disposal. Storage in an approved landfill. Respect the local current regulations. Do not discharge the product in sewers or waterways.
 Contaminated Packaging : Respect the local current regulations.

SECTION 14 - TRANSPORT INFORMATION

- 14-1 UN number : not applicable
 14-2 UN proper shipping name : not applicable
 14-3 Transport hazard class : not classified
 14-4 Packing group : not classified
 14-5 Environmental hazards : not classified
 14-6 Special precautions for user : transported in a vehicle outside of water and completely dry.
 14-7 Transport in bulk according to Annex II of MARPOL and the IBC Code : not applicable

SECTION 15 - REGULATORY INFORMATION

15-1 Safety, health and environmental regulations/legislation specific for the mixture :

- Directive 2004/42/CE : not concerned
- Regulation 861/2010 : 3214 10 90 : Painters' fillings

15-2 Chemical safety assessment :

No affected by registration under REACH.
 No assessment has been carried out for the mixture.

16 - OTHER 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 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.

Key literature references :

- Regulatory 1907/2006/CE : according to REACH
- Regulatory 1272/2008/CE : according to CLP
- Directive 2004/42/CE : according to Volatile Organic Compounds
- Regulation 1357 /2014/CE according to classification of waste.
- Regulation 861/2010 : according to customs nomenclature

The listed phrases refer to section 2 and 3 :

Skin Irrit. 2 – H 315 : Skin irritation, Hazard Category 2 - Causes skin irritation.

Skin Sens. 1B – H317 : Sensitisation — Skin, Hazard Category 1B - May cause an allergic skin reaction.

Eye Dam.1 – H318 : Serious eye damage/eye irritation, Hazard Category 1 - Causes serious eye damage.

STOT SE 3 – H 335 : Specific target organ toxicity — Single exposure, Hazard Category 3, Respiratory tract irritation - May cause respiratory irritation.

STOT RE1 – H372 : Specific target organ toxicity — Repeated exposure, Hazard Category 1 – Causes damage to organs through prolonged or repeated exposure.

(*) Alterations with regard to the previous version : in accordance with annex II to REACH