

## Material Safety Datasheet for Solpatch

### SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

<b>Product Material &amp; Description:</b>	<b>Rapid Set Repair Mortar</b>
<b>Trade Name:</b>	<b>Solpatch</b>
<b>Chemical Name &amp; Synonyms:</b>	<b>None.</b>
<b>Manufacturer:</b>	<b>Solco.</b>
<b>Address:</b>	<b>Unit 51, Portmanmoor Road Ind Est, Ocean Park, Cardiff, CF24 5HB.</b>
<b>Emergency Telephone Number:</b>	<b>+ 44 (0)808 1686927.</b>

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Concentration%	CAS	Haz	R.phrases
Portland Cement	> 25	65997-15-1	Xi	R36/37/38-41
<b>Risk Phrase:</b> R36-37/38 R41				Irritating to eyes, respiratory system and skin Risk of serious damage to eyes

### SECTION 3: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

Irritating to eyes and skin. Risk of serious damage to the eyes. Product forms a strong alkaline solution on contact with water or moisture. Repeated or prolonged contact of the skin with the product or its solutions may cause irritant or allergic contact dermatitis. Product may cause serious burns and ulceration. May be toxic to aquatic life in some circumstances.

### SECTION 4: FIRST AID MEASURES

<b>Skin contact:</b>	Remove contaminated clothing. After contact with skin, wash immediately with plenty of clean water (S28). Seek medical attention if irritation persists.
<b>Eyes contact:</b>	Speed is essential. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice (S26 ) Eye wash stations should be available in areas where exposure is possible.
<b>Ingestion:</b>	Do not induce vomiting. Wash mouth out with water. Drink plenty of water and seek medical attention.
<b>Inhalation:</b>	Remove patient from exposure, keep warm and at rest. If dry powder has been inhaled, the nose and throat should be thoroughly irrigated with water for at least 20 minutes.

### SECTION 5: FIRE AND EXPLOSION HAZARD DATA.

<b>Extinguishing media:</b>	Will not support combustion. Compatible with all standard fire fighting techniques.
<b>Exposure hazards:</b>	Fire or decomposition products may contain oxides of carbon. The powder releases alkalis on contact with water and chemically hardens

### SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS.

<b>Personal precautions:</b>	Ensure adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection (S36/37/39). Avoid contact with eyes (S25). Do not breathe dust (S22)
<b>Environmental precaution:</b>	Do not allow product to enter drains or water courses. Advise local authorities if this is not possible.
<b>Clean up procedures:</b>	Carefully sweep or vacuum up the product and transfer to marked containers to await disposal.

**SECTION 7: HANDLING AND STORAGE.****Storage conditions:**

Store in dry frost free conditions, in original containers. Protect from moisture..

**Handling:**

Wear suitable protective clothing, gloves and eye/face protection (S36/37/39)

Eye wash stations should be available in areas where accidental exposure is possible

The normal precautions relating to handling chemicals must be observed.

Use to minimise the creation of dust and ensure of dust and ensure adequate ventilation to keep the airborne concentrations below the recommended exposure limits.

**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION.**

## Portland cement:

Total inhalable dust – 10mg/m<sup>3</sup>

Respirable dust – 4mg/m<sup>3</sup>

**Respiratory Protection:**

Normal conditions of ventilation are usually adequate. Wear a fine particle mask or use local exhaust ventilation as necessary when mixing in confined areas with inadequate ventilation or whenever there is any risk of the exposure limits being exceeded. This applies not only to the user but to all people who cannot be vacated from the work area.

**Hand protection:**

Use heavy duty gloves. Gloves may degrade or be damaged according to different circumstances of use. Always ensure gloves you are using are in good condition. Barrier creams may help to protect exposed areas but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

**Eye protection:**

Eye protection designed to protect against liquid splashes, conforming to EN1166 Chemical Grade, should be worn when handling dry powder or when there is risk of mixed material entering the eye. Eye protection is essential when handling alkaline material.

**Skin protection:**

Wear suitable overalls. Remove grossly contaminated clothing and wash skin with plenty of clean water. Practice good personal hygiene.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.****Appearance:**

Concrete grey granular powder

**Odour:**

None

**SECTION 10: STABILITY AND REACTIVITY.****Stability:**

Stable under normal conditions

Will hydrate in contact with water or water vapour

**SECTION 11: TOXICOLOGICAL INFORMATION.****Inhalation:**

Powder may cause inflammation of the mucous membranes.

**Skin:**

Powder or any powder/water mixtures may cause irritant contact dermatitis. Allergic dermatitis and/or burns

**Eye:**

Risk of serious damage to eyes. Mild exposure can cause soreness. Gross exposures or untreated mild exposures can lead to chemical burning and ulceration of the eye.

**Ingestion:**

Unlikely to cause any significant reaction. Larger doses may result in irritation or blockage of the gastro-intestinal tract.

## SECTION 12: ECOLOGICAL INFORMATION.

Product should not be disposed of into rivers or other water courses without pre-treatment. Measures should be taken to prevent the release of dust to the environment. Attention must be paid to local water treatment regulations.

## SECTION 13: DISPOSAL CONSIDERATIONS.

The product is not classified as hazardous waste and is suitable for controlled waste site disposal. Do not allow into water courses or dispose of where ground or surface waters may be affected.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

## SECTION 14: TRANSPORT / LABEL INFORMATION.

UN Number:	Not Classified
UN Packaging group:	Not Classified
IMDG classification:	Not Classified
Special precautions re carriage:	Not Classified
Symbol:	Not Classified

## SECTION 15: REGULATORY INFORMATION.

EC Hazard Classification:	Xi	Irritant
	R36/37/38 R41	Irritating to eyes, respiratory system and skin Risk of serious damage to eyes
Safety Phrases:	S26	In case of contact with eyes rinse immediately With plenty of water and seek medical advice
	S28	After contact with skin wash immediately with Plenty of soap and water
	S36/37/39	Wear suitable protective clothing, gloves and Eye/face protection

## SECTION 16: ANY OTHER HEALTH AND SAFETY INFORMATION.

Training:	All operatives using this material must receive proper training with regard to the health and safety aspects relating to it.
Recommended uses and restrictions:	Use only in conjunction with appropriate industrial practice.
Sources of information used to compile MSDS:	Various, further information available by special request.

**NOTE:** The information contained in this Material Safety Data Sheet does not constitute the user's own assessment of workplace risk as required by other Health and Safety legislation. The data given here is based on current knowledge and experience and may be updated as new information becomes available. The purpose of this Material Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to its properties. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use.