



## SAFETY DATA SHEET PRO RS

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** PRO RS  
**SUPPLIER** Instarmac Group plc  
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### 2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. May cause sensitisation by skin contact. Irritating to respiratory system and skin.

**CLASSIFICATION** Xi;R37/38, R41. R43.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PORTLAND CEMENT		65997-15-1	10-30%	Xi;R37/38,R41. R43.
SILICA SAND	238-878-4	14808-60-7	30-60%	-

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Risk of serious damage to eyes.

#### INHALATION

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

#### INGESTION

Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Water. Foam.

#### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

## PRO RS

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

### SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store in closed original container at temperatures between 5°C and 30°C. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 6 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement.

Shelf life in correct for sealed bags is 6 months. Please note: the use of this product after the end of the declared storage period may increase the risk of an allergic reaction.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PORTLAND CEMENT	WEL		10 mg/m <sup>3</sup>			
SILICA SAND	WEL		0.3 mg/m <sup>3</sup>			

**WEL = Workplace Exposure Limit.**

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

Provide sufficient ventilation for operations causing dust formation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Dust mask/respirator.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

### EYE PROTECTION

Wear dust resistant safety goggles where there is danger of eye contact.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

## PRO RS

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Powder, dust
<b>RELATIVE DENSITY</b>	1.6-2.0 @ 20°C

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

#### MATERIALS TO AVOID

Strong acids. Strong alkalis.

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

#### INGESTION

May cause discomfort if swallowed.

#### SKIN CONTACT

Prolonged contact with wet cement/mixture may cause burns.

#### EYE CONTACT

Risk of serious damage to eyes.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION

<b>GENERAL</b>	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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### 15 REGULATORY INFORMATION

#### LABELLING



Irritant

<b>CONTAINS</b>	PORTLAND CEMENT
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#### RISK PHRASES

R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R37/38	Irritating to respiratory system and skin.

#### SAFETY PHRASES

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.

## PRO RS

S24/25	Avoid contact with skin and eyes.
S37/39	Wear suitable gloves and eye/face protection.

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

### ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

### NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

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## 16 OTHER INFORMATION

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### GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

**REVISION DATE** 28/05/2008

**REV. NO./REPL. SDS GENERATED** 1

### RISK PHRASES IN FULL

NC	Not classified.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.

### DISCLAIMER

The purpose of the above information is to describe the products only in terms of health and safety requirements. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.

All goods are supplied in accordance with Instarmac Group plc's general conditions of sale, copies of which may be obtained by telephoning sales on 01827 872244