



## SAFETY DATA SHEET M90

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

**PRODUCT NAME** M90

**SUPPLIER** Instarmac Group plc  
Kingsbury Link, Trinity Road  
TAMWORTH, Staffordshire  
B78 2EX. United Kingdom  
Tel: +44 (0) 1827 872244  
Fax: +44 (0) 1827 874466  
email@instarmac.co.uk  
www.instarmac.co.uk

**EMERGENCY TELEPHONE** +44 (0)7971 217 347

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CALCIUM CARBONATE GRANULES			10-30%	-
CALCIUM SULFOALUMINATE		12004-14-7	1-10%	Xi;R41.
HIGH ALUMINA CEMENT			1-10%	Xi;R41,R36/37.
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

### 3 HAZARDS IDENTIFICATION

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

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

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Risk of serious damage to eyes.

#### INHALATION

If irritation occurs, move to fresh air. If nose or airways become inflamed seek medical advice

#### INGESTION

Do not induce vomiting. Wash out mouth with water and give patient plenty of water to drink

#### 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. Initiate and maintain gentle and continuous irrigation until the patient receives medical care.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Water. Foam.

#### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

## M90

### 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 25°C. Avoid frost. 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	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
SILICA SAND	WEL		0.3 mg/m3		
PORTLAND CEMENT	WEL		10 mg/m3		
CALCIUM CARBONATE GRANULES	WEL		4 mg/m3		
HIGH ALUMINA CEMENT			10 mg/m3		

#### 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.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE** Powder, dust

**RELATIVE DENSITY** 1.6-2.0 @ 20°C

### 10 STABILITY AND REACTIVITY

## M90

### STABILITY

Stable under normal temperature conditions and recommended use.

### MATERIALS TO AVOID

Strong acids. Strong alkalies.

## 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

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## 15 REGULATORY INFORMATION

### LABELLING



Irritant

### CONTAINS

PORTLAND CEMENT

### RISK PHRASES

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

### SAFETY PHRASES

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.
S37/39	Wear suitable gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S64	If swallowed, rinse mouth with water (only if the person is conscious).

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

## M90

### ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC.

### 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 2004.

## 16 OTHER INFORMATION

### GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

**REVISION DATE** 02/04/2007

**REV. NO./REPL. SDS GENERATED** 5

### RISK PHRASES IN FULL

NC	Not classified.
R36/37	Irritating to eyes and respiratory system.
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