

Revision Date 08/07/2010

Revision 7

# INSTARMAC

## SAFETY DATA SHEET PERMANENT POTHOLE REPAIR

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name PERMANENT POTHOLE REPAIR

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

#### 2.2. Label elements

Risk Phrases	NC	Not classified.
Safety Phrases	NC	Not classified.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

1,2,4-TRIMETHYLBENZENE		< 1 %
CAS-No.: 95-63-6	EC No.: 202-436-9	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Flam. Liq. 3 - H226	R10	
Acute Tox. 4 - H332	Xn;R20	
Skin Irrit. 2 - H315	Xi;R36/37/38	
Eye Irrit. 2 - H319	N;R51/53	
STOT SE 3 - H335		
Aquatic Chronic 2 - H411		

## PERMANENT POTHOLE REPAIR

CUMENE	< 1 %
<b>CAS-No.: 98-82-8</b>	<b>EC No.: 202-704-5</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R65 Xi;R37 N;R51/53
PAVING GRADE BITUMEN	1-10%
<b>CAS-No.: 8052-42-4</b>	<b>EC No.: 232-490-9</b>
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
SKIM COATED STONE	60-100%
<b>CAS-No.:</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
Solvent Naphtha (Petroleum), Light Aromatic	< 1 %
<b>CAS-No.: 64742-95-6</b>	<b>EC No.: 265-199-0</b>
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R20. Xi;R36/37/38. N;R51/53. R10.
XYLENE	< 1 %
<b>CAS-No.: 1330-20-7</b>	<b>EC No.: 215-535-7</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### Composition Comments

The data shown are in accordance with the latest EC Directives.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

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

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### Ingestion

Immediately rinse mouth and provide fresh air. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

### Skin contact

Remove contaminated clothing. Get medical attention if any discomfort continues.

### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Use: Foam. Powder.

### 5.2. Special hazards arising from the substance or mixture

#### Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Carbon dioxide (CO<sub>2</sub>). Water spray, fog or mist.

#### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

### 6.3. Methods and material for containment and cleaning up

Recover the product and place in a suitable container for reuse.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid eating, drinking and smoking when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1,2,4-TRIMETHYLBENZENE		25 ppm	125 mg/m <sup>3</sup>			
CUMENE	WEL	25 ppm(Sk)	125 mg/m <sup>3</sup> (Sk)	50 ppm(Sk)	250 mg/m <sup>3</sup> (Sk)	
PAVING GRADE BITUMEN	WEL		5 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>	
SKIM COATED STONE	WEL		5 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>	
Solvent Naphtha (Petroleum), Light Aromatic			150			
XYLENE	WEL	100 ppm(Sk)		150 ppm(Sk)		

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Well-ventilated area.

#### Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

#### Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. Neoprene or nitrile gloves recommended

#### Eye protection

Wear approved safety goggles.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Black.
Odour	Characteristic.

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

## PERMANENT POTHOLE REPAIR

### **Skin contact**

Repeated exposure may cause skin dryness or cracking.

### **Eye contact**

Irritating to eyes.

## SECTION 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.

### **12.1. Toxicity**

### **12.2. Persistence and degradability**

### **12.3. Bioaccumulative potential**

### **12.4. Mobility in soil**

### **12.5. Results of PBT and vPvB assessment**

### **12.6. Other adverse effects**

## SECTION 13: DISPOSAL CONSIDERATIONS

### **General information**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### **13.1. Waste treatment methods**

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

## SECTION 14: TRANSPORT INFORMATION

### **General**

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

### **14.1. UN number**

### **14.2. UN proper shipping name**

### **14.3. Transport hazard class(es)**

### **14.4. Packing group**

### **14.5. Environmental hazards**

### **14.6. Special precautions for user**

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

## SECTION 15: REGULATORY INFORMATION

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Uk Regulatory References**

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

## PERMANENT POTHOLE REPAIR

### Environmental Listing

Control of Pollution Act 1974.

### Approved Code Of Practice

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

### EU Legislation

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.

### National Regulations

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

### 15.2. Chemical Safety Assessment

#### SECTION 16: OTHER INFORMATION

#### General information

If further information on training is required contact Instarmac Group plc

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#### Risk Phrases In Full

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20	Harmful by inhalation.
R65	Harmful: may cause lung damage if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
NC	Not classified.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H312	Harmful in contact with skin.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

#### 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