

# MATERIAL SAFETY DATA SHEET

116 2500

# Instantex



## SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **INSTANTEX**  
 Company Name: Polycote UK  
 Centre Point • Wolseley Road  
 Woburn Road Industrial Estate  
 Kempston • Beds MK42 7EF  
 Telephone Number: 01234 846400

## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Not classified as hazardous in accordance with the CHIP regulations (SI 3247/1994).

Instantex is a mixture of aggregates and fluxed bitumens. The flux oil is white spirit. The fluxing agent will not exceed 1% of the mixture and will typically be 0.5% or less. For further details refer to the relevant Technical Data Sheet.

## SECTION 3: HAZARDS IDENTIFICATION

Not classified as hazardous in accordance with the CHIP regulations (SI 3247/1994). The product is very sticky. Fumes from Repair Master are unlikely to be hazardous when laid in open air situations, but there may be a risk to health by continuous inhalation of high vapour concentrations which might arise in confined or semi-confined spaces.

## SECTION 4: FIRST AID MEASURES

Inhalation: Immediately remove to fresh air and seek medical attention.  
 Skin contact: Following skin contact wash thoroughly as a hygiene precaution using proprietary hand cleaner.  
 Eye contact: Irrigate with water for at least ten minutes. If pain persists seek medical attention.  
 Ingestion: Remove to fresh air and give water to drink. Seek medical advice.

## SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Dry powder, foam.  
 Unsuitable extinguishing media: CO<sub>2</sub>  
 Special exposure hazards in fire: Hydrocarbon fumes may be released.  
 Special protective equipment for fire fighters: Full protective clothing including respirator or breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear overalls and gloves, avoid skin contact.  
 Environmental precautions: Entry into watercourses should be avoided.  
 Methods for cleaning: No special requirements.

## SECTION 7: HANDLING AND STORAGE

Handling: Skin contact with hot materials should be avoided. Inhalation of fumes should be avoided as far as is reasonably practicable.  
 Storage: No special requirements. Refer to the relevant Technical Data Sheet.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Take measures to prevent: Inhalation of dust, inhalation of excessive quantities of dust during cutting or surface treatment of hardened product.

Exposure control limits/Source:  
 Asphalt fumes - O.E.S: 5mg/m<sup>2</sup> 8 Hours T.W.A.  
 10mg/m<sup>2</sup> 15 Min T.W.A.  
 Total dust - O.E.S: 10mg/m<sup>2</sup> 8 Hours T.W.A.  
 Respirable dust - O.E.S: 4mg/m<sup>2</sup> 8 Hours T.W.A.  
 Respirable quartz - M.E.L: 0.3mg/m<sup>2</sup> 8 Hours T.W.A.  
 Crystalline silica SiO<sub>2</sub>

Respiratory protection: Suitable masks if dust/fume is present in significant quantities.

Hand protection: Gloves.

Eye protection: Goggles may be required.

Skin protection: Overalls.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Black granular solid  
 Odour: Strong  
 pH: Neutral  
 Boiling point/range: Not applicable  
 Melting point/range: Not applicable  
 Flash point: Above 200°C  
 Flammability: Not determined  
 Auto flammability: Above 230°C  
 Explosive properties: Not determined  
 Oxidising properties: Not determined  
 Vapour pressure: Not applicable  
 Relative density: Above 2.0  
 Water solubility: Insoluble  
 Fat solubility: Not determined

## SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid: Sources of ignition and temperatures above 200°C.  
 Materials to avoid: Strong oxidising agents, e.g. chlorates which may be used in agriculture.

Hazardous decomposition products: The substances arising from the thermal decomposition of the bitumen binder in Asphalt will largely depend on the particular conditions but may contain the following: carbon dioxide, carbon monoxide, water, particulate matter, hydrogen sulphide, sulphur oxides, Polycyclic aromatic hydrocarbons, unburnt hydrocarbons, nitrogen oxides, vanadium pentoxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

Fumes inhaled over a prolonged period could constitute a health hazard. Prolonged skin contact may cause dermatitis and malignant warts.

## SECTION 12: ECOLOGICAL INFORMATION

Environmental assessment: When used and disposed of as intended, no adverse environmental effects are foreseen.  
 Mobility: Asphalts are non volatile materials that will sink in water and form a solid layer on the surface of the ground.  
 Persistence and degradability: Asphalts are resistant to degradation and will persist in the environment for a considerable period of time.  
 Ecotoxicity: Not expected to be toxic to aquatic organisms when used as intended.

## Polycote Instantex Cont.

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### SECTION 13: DISPOSAL CONSIDERATIONS

Likely Residues/Waste Product: Inert material.  
Safe Handling of Residues/Waste Product: Aggregates are inert but should be disposed of in accordance with local and national legal requirements.  
See the Environmental Protection Act 1990 "Duty of Care".

### SECTION 14: TRANSPORT INFORMATION

Special carriage requirements: None - keep covered.

### SECTION 15: REGULATORY INFORMATION

This product is NOT classified as dangerous for transport.

### SECTION 16: OTHER INFORMATION

Key data used to compile data sheet:  
HSE Guidance Note EH40/98  
PPE Regulations 1992  
COSHH Regulations 1994  
Environmental Protection Act 1990  
HSE Crystalline Silica EH59 10/97

Do not mix with other chemicals.

The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations Directive 93/112/EC.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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### Polycote UK

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