

MATERIAL SAFETY DATA SHEET

406 0599

Block Seal



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

Product Name: **BLOCK SEAL**
 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

Product Material: Solvent based polyurethane primer/sealer

Chemical Name	Classification	Conc.
Diphenylmethane Diisocyanate		
9016-87-9	Xn. 20, R36/37/38, R42	<10%
Xylene (Mixture of Isomers)		30-60%

SECTION 3: HAZARDS IDENTIFICATION

Main Hazards: Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. May cause sensitisation by inhalation and skin contact.

SECTION 4: FIRST AID MEASURES

Skin: There may be irritation and redness at site of contact. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance remains on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eyes: There may be irritation and redness. Corneal burns may occur. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Nausea and stomach pain may occur. There may be vomiting. There may be loss of consciousness. Convulsions may occur. Do not induce vomiting. If conscious give one pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in recovery position. Transfer to hospital as soon as possible.

Inhalation: Exposure may cause coughing or wheezing. There may be loss of consciousness. Convulsions may occur. Remove casualty from from exposure ensuring ones own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious ensure the casualty sits or lies down. If breathing becomes bubbly, have the patient sit and provide oxygen if available. Transfer to hospital as soon as possible.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguisher Media: Apply carbon dioxide, dry powder or foam.
 Exposure Hazards: In combustion emits toxic fumes
 Special Protective Equipment: Wear self contained breathing apparatus.
 Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective equipment as specified in section 8. Mark out contaminated area with signs to prevent access to unauthorised personnel.

Environmental Precautions: Avoid material entering drainage system. Avoid discharge to sewers or natural waters. Contain spillage using bunding. Absorb into dry earth or sand. If inside transfer out of building in suitable containers. Wash the spillage site with large amounts of water.

Cleaning Methods:

SECTION 7: HANDLING AND STORAGE

Handling: Ensure there is adequate ventilation of the area. Smoking is forbidden. Avoid direct contact with the substance.

Storage: Store in cool well ventilated area. Keep away from sources of ignition. Containers should always be kept upright and tightly sealed to avoid leaking. Open only when ready for use and reseal part used containers after use. Store in a well labelled container, preferably the original container.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering: Ensure there is sufficient ventilation of the area.

Respiratory: Self contained breathing apparatus must be available in case of emergency.

Hands: Use protective gloves made of PVC

Eyes: Eye protection designed to protect against liquid splashes should be worn, eg complete enclosure of the eyes to conform to BS 2092 Chemical Grade.

Skin: Cotton or cotton/synthetic overalls or coveralls with elasticated cuffs and closed neck are normally suitable. Safety shower should be to hand.

ALL PERSONAL PROTECTION EQUIPMENT MUST BE SELECTED TO MEET THE REQUIREMENTS OF THE COSHH REGULATIONS.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid. Pale Brown.
Odour: Aromatic
Flammability: Flammable
Flashpoint: > 55°C
Solubility: Not Miscible
Specific Gravity @ 20°C: 1.0
Viscosity @ 20°C: Non Viscous

SECTION 10: STABILITY AND REACTIVITY

Stable under normal conditions of storage (see "HANDLING AND STORAGE")
Materials to Avoid: Oxidising Agents
Conditions to Avoid: Sources of ignition

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient 1: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)
 Oral Rat LD50 49g/kg

SECTION 12: ECOLOGICAL INFORMATION

Mobility: Insoluble in water

SECTION 13: DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with the regulations made under the Control of Pollution Act and the Environmental Protection Act. (Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special regulations apply). It is recommended that any surplus of the product should be disposed of by incineration.

DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS

SECTION 14: TRANSPORT INFORMATION

Conveyance Classification:

ADR/RID:	
UN NO:	1993
ADR CLASS:	3
HAZARD ID NO:	30
ITEM NO:	31°(C)
SHIPPING NAME:	FLAMMABLE LIQUID N.O.S.

IMDG/IMO:

UN NO:	1993
CLASS:	3
HAZARD ID NO:	30
ITEM NO:	31°(C)
SHIPPING NAME:	FLAMMABLE LIQUID N.O.S.
MARINE POLLUTANT:	YES

IATA/ICAO:

UN NO:	1993
CLASS:	3
HAZARD ID NO:	30
ITEM NO:	31°(C)
SHIPPING NAME:	FLAMMABLE LIQUID N.O.S.
MARINE POLLUTANT:	YES

SECTION 16: OTHER INFORMATION

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.

Date of Issue: July 2003

SECTION 15: REGULATORY INFORMATION

EEC Hazard Classification: Xn Harmful

Risk Phrases: R10 Flammable
R20/21 Harmful by inhalation and in contact with skin
R38 Irritating to skin
R42/43 May cause sensitisation by inhalation and skin contact

Safety Phrases: S36 Wear suitable protective clothing
S16 Keep away from sources of ignition
S 23 Do not breathe vapour
S24 Avoid contact with skin
S36/37 Wear suitable protective clothing and gloves

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