

PALACE CHEMICALS LTD

Speke Hall Industrial Estate; Speke; Liverpool L24 4AB
Tel; 0151 486 6101; Fax 0151 448 1982; e-mail technical@palacechemicals.co.uk

SAFETY DATA SHEET No. 75 – issue date 29-01-02

PRODUCT: BITUMEN PAINT

SUBSTANCE IDENTIFICATION:			
BITUMEN PAINT / PRIMER			
COMPOSITION: White Spirit < 0.1% Benzene 14 – 17% Aromatics. EEC No. 265-185-4 CAS – 64742-82-1 Bitumen < 40% CAS No. 64741-56-6		HAZARDS CLASSIFICATION: FLAMMABLE. HARMFUL May cause lung damage if swallowed; Toxic to aquatic organisms; May cause long term adverse effects in the aquatic environment Repeated exposure may cause skin dryness and cracking Keep out of reach of children Keep away from sources of ignition – No smoking. If swallowed do not induce vomiting – seek medical assistance. Do not breathe vapour. Avoid contact with skin and eyes.	
FIRST AID MEASURES:			
INHALATION: Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If irritation or breathing difficulties persist, seek medical attention.	SKIN CONTACT: Wash off skin with warm soapy water. Remove contaminated clothing and launder regularly. Prolonged and unattended contact should be avoided. Where irritation to skin is apparent seek medical attention.	INGESTION: Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Beware of aspiration if vomiting occurs. Seek prompt medical attention and show this data sheet.	EYE CONTACT: Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.
FIRE FIGHTING MEASURES:			
Recommended extinguishers – Dry powder; Foam, C02 – Do not use water jets. Hazardous decomposition when subject to combustion – will produce noxious, irritating fumes. Special procedures – Use approved self-contained breathing apparatus. Only use a fine water spray to cool down heat affected containers – not burning product.			
ACCIDENTAL RELEASE MEASURES:			
Ventilate area and eliminate all sources of ignition. Absorb and scrape spillages onto sand, sawdust or absorbent granules and confine residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for flammable products. Protective Equipment section for advice when handling spillages.			
HANDLING & STORAGE:			
Handling: Ensure adequate ventilation and use all recommended personal protective equipment Storage: Store in well-sealed, clearly marked containers. Keep out of reach of children in a cool well ventilated environment preferably within a lockable metal cabinet.			
EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT:			
Occupational Exposure limit: 770mg/M3 for 8hr TWA or 1000mg/M3 for 15 min TWA for Hydrocarbon.			
Respiratory: Good ventilation is required otherwise use an organic vapour filtered face mask in confined spaces.	Hand: Wear 17" long elbow length latex rubber (chlorinated) or nitrile gloves approved to EN 374 & EN 420 with a BTT rating of > 4 hrs.	Eye: BS 2092 Goggles should be worn for all applications to help prevent accidental face/eye contact	Skin: A disposable PVC apron should be worn on top of overalls, however if the fabric becomes contaminated these should be laundered immediately.

PHYSICO-CHEMICAL PROPERTIES:		
Appearance – Black liquid Boiling point range – 154 - 195 Water solubility - < 50mg/ltr Auto ignition temp – 230°C Specific gravity 0.890 – 0.910 Miscibility – solvents not water.	Vapour pressure – 4.4 kPa Odour – Paraffinic oil based hydrocarbon. Flash point - 40°C - FLAMMABLE Vapour pressure (air =1) – 4.6. Viscosity < 500mPa.s Flammability – Lower 0.9% - Upper 8.0%	
STABILITY & REACTIVITY:		
Stable – No dangerous chemical reactions known – hazardous polymerisation will not occur. Materials to avoid – Oxidising agents; Conditions to avoid – sources of ignition.		
TOXICOLOGICAL INFORMATION:		
Routes of exposure – Inhalation, skin contact and ingestion. Health effect – prolonged inhalation may cause headaches and Depression of the CNS. Acute effects of inhalation – coughing and eyes watering. Acute effects of skin contact – redness, irritation and sensitisation.		
Acute toxicity: Skin irritation Irritation / Corrosivity: N/A	Sensitisation: dermatitis Mutagenicity: n/a	Carcinogenicity: n/d Reproductive toxicity: n/a
ECOLOGICAL INFORMATION:		
Bio-accumulative potential – negligible (no data available). Ecotoxicity: LC50: 1 – 10 mg/litre Environmental Persistence – No data available		
DISPOSAL CONSIDERATIONS:		
Dried residues are non-hazardous and non-flammable, although cloths used to apply the product will retain a flammability risk until they are either laundered or allowed to dry completely. Unused product and freshly contaminated application materials must be considered flammable and disposed of in accordance with local authority regulations for flammable liquids / paints.		
TRANSPORT INFORMATION:		
IMDG: PAINT, CLASS 3, UN 1263, PG III (40°C cc), MARINE POLLUTANT IATA / IACO: Class 3; Packing Group III; ADR / RID: UN 1263, PAINT, 3, PG III Transport Name (UK Road) – PAINT EAC No/HIN No: 3Y/30		
REGULATORY INFORMATION:		
CHIP Hazard symbols: R10, R51, R53, R65, R66 – Flammable; Harmful Xn Safety phrases: S2 – S16 – S24 – S25 – S36/37/39. Other regulatory controls: Health & Safety @ Work Act 1974; Control of Substances Hazardous to Health Regulations 1994. Environmental Protection Act 1990.		
FURTHER INFORMATION:		
The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work.		