



BITUMEN PRIMER

Safety Data Sheet

(17th April 2012)

(version 1)

Product Identification

Trade Name:	BITUMEN PRIMER
Description:	A highly penetrative, general purpose Bitumen Primer.

Hazardous Ingredients

Component	CAS	Classification	Concentration
White Spirit	64742-82-1	F; R10; Xn; R65; R66; N; R51/53	60-70%
Bitumen	64742-93-4		30-40%

Hazard Identification

Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis. Flammable (R10). Harmful, may cause lung damage if swallowed (R65). Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment (R51/53). Repeated exposure may cause skin dryness or cracking (R66).

Emergency and First Aid

After Eye Contact:	Irrigate immediately with clean water for 15 minutes and obtain medical attention.
After Skin Contact:	Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.
After Ingestion:	If swallowed, seek medical advice immediately. Do not induce vomiting. If possible show product information or label to medical advisor.
After Inhalation:	Remove person to fresh air. If discomfort persists seek medical advice.

Exposure Control/Personal Protection

UK Occupational exposure standards – EH40	
White Spirit 100ppm 575mg/m ³ 8HR TWA	
Hand Protection:	Wear suitable impervious gloves.
Eye Protection:	Wear chemical resistant goggles.
Respiratory Protection:	Should not be necessary with adequate ventilation. In poorly ventilated areas a cartridge mask, approved for organic vapours, is recommended.
Skin Protection:	Wear appropriate protective clothing.

Accidental Release Measures

Precautions:	Stem flow of spilled material. Extinguish all naked flames and cigarettes. Material should be mopped up immediately with an inert absorbent material, such as sand, sawdust, earth, etc. Prevent spills from entering sewers and drains. Dispose of at an appropriate licensed waste disposal site in accordance with current legislation and regulations.
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Stability and Reactivity

Stability:	Stable under normal conditions. Avoid excessive heat.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, hydrogen sulphide, oxides of nitrogen and sulphur.

Toxicological Information

When bitumen is mixed with diluent, it is believed that the preparation becomes more bio-available. The carcinogenicity of the preparation is strongly dependant on the nature of the solvent used since the polycyclic aromatic content of the bitumen is low.

Ecological Information

The preparation has not been tested but, the slow rates of bio-degradation of bitumen can cause interference with the normal functioning of ecological cycles. Bitumens should therefore be contained and spills avoided.

Fire Fighting Measures

Extinguishing Media:	Dry powder, CO ₂ , foam, sand, earth.
Unsuitable Extinguishing Media:	NEVER USE WATER JET.
Special Exposure Hazards in Fire:	None known.
Protective Equipment:	Wear suitable protective clothing.

Handling and Storage

Handling:	Ensure adequate ventilation.
Storage:	Should be stored under cover, out of direct sunlight and away from sources of heat and ignition.

Physical and Chemical Properties:

Appearance:	Black liquid.
Odour:	Petroleum solvent.
pH:	Not applicable.
Boiling Point:	Not determined.
Melting Point:	Not applicable.
Flashpoint:	40 °C – closed cup.
Flammability:	Not applicable.
Auto flammability:	Approx 230 °C.
Explosive Properties:	UEL – 8% Vol. LEL – 0.9% Vol.
Vapour Pressure:	Not determined.
Relative Density:	Approx 1.0.
Solubility (Water and Fat):	Insoluble in water.

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Transport Information

U.N. No: 1999 Liquid Tars Class 3 Packaging Group III

Waste Disposal

Material and container must be disposed of as 'hazardous waste' in accordance with local and national regulations.

Regulatory Information

R10: Flammable
 R51/53: Toxic to aquatic organisms, may cause long term effects in the aquatic environment.
 R65: Harmful, may cause lung damage if swallowed.
 R66: Repeated exposure may cause skin dryness and cracking.
 S2: Keep out of reach of children.
 S29/56: Do not empty into drains, dispose of material and container as hazardous or take to a special waste collection point.
 S37: Wear suitable protective gloves.
 S46: If swallowed seek medical advice immediately and show this container label.
 S51: Use only in well ventilated areas.
 S61: Avoid release to the environment. Refer to special instructions/ safety data sheets.
 ECC Symbol: Xn: Harmful N: Dangerous to the environment Contains white spirit.



Disclaimer

The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, nor does it constitute a risk assessment, for which the user is responsible. All information provided in this document is believed to be accurate to the best of our knowledge. Users of the products referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at the time. Further and more specific information may be obtained from the supplier on request (small fee may be required for this service). This company shall not be held liable for any damage resulting from handling or from contact with the above product.