



**Material Safety Data Sheet**  
**February 2012**

**Solseal Bitumen Emulsion**

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1. PRODUCT AND COMPANY IDENTIFICATION

1.1 CHEMICAL NATURE

Bitumen emulsion

1.2 COMPANY

Solco, Unit 2,  
Cradock Road,  
Stadium Industrial Estate, Luton, LU4 0JF

1.3 EMERGENCY CONTACT NUMBER

+44 (0) 808 168 6927

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2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINS

Bitumen Emulsion	Not Hazardous
Mineral fillers	Not Hazardous

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3. HAZARD IDENTIFICATION

Primary Routes of Exposure	Inhalation
	Eye Contact
	Skin Contact

INHALATION of vapour or mist can cause headache, nausea, irritation of nose and lungs.

EYE CONTACT material can cause slight irritation.

SKIN CONTACT. Prolonged or repeated skin contact can cause slight skin irritation.

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4. FIRST AID MEASURES

IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION.

4.1. INHALATION. Move affected person to fresh air.

4.2. EYE CONTACT. Rinse immediately with water for at least 15 minutes. Seek medical attention.

4.3. SKIN CONTACT Wash affected areas thoroughly with soap and water. If irritation persists seek medical attention.

4.4. INGESTION

Immediately rinse mouth with water. If swallowing has occurred drink water in small sips. Seek medical attention. Do not induce vomiting.

**5. FIRE FIGHTING MEASURES**

Flash point	Noncombustible
Auto ignition Temperature	Not applicable
Lower Explosive Limit	Not applicable
Upper Explosive Limit	Not applicable

**5.1. UNUSUAL HAZARD**

Material can splatter above 100 deg c. Dried product can burn.

**5.2. EXTINGUISHING MEDIA**

Use extinguishing media appropriate for surrounding fire.

**5.3. PROTECTIVE EQUIPMENT**

Use full protective clothing and self contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES****6.1. PERSONAL PRECAUTIONS**

Avoid skin contact, wear suitable protective equipment.

**6.2. ENVIROMENTAL PRECAUTIONS**

Prevent contamination of soil, drains and surface waters.

**6.3. CLEAN UP METHODS**

Take up with absorbent, inert material and place in suitable and closable containers for disposal.

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**7. HANDLING AND STORAGE****7.1. STORAGE**

Store in unopened containers. Storage temperature limits are 1 deg c to 50 deg c.

**7.2. HANDLING**

Monomer vapours can be evolved during application at higher temperatures Ventilation equipment should be used.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION	Chemical cartridge
EYE PROTECTION	Wear chemical splash goggles
HAND PROTECTION	Wear Protective gloves
SKIN PROTECTION	Wear overall and closed footwear. Apply skin protection cream before handling
VENTILATION	Local exhaust ventilation
OTHER PROTECTION	Facilities storing or utilizing material should be equipped with eyewashes

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Black paste	MELTING POINT RANGE	Not available
ODOUR	Mild	BOILING POINT RANGE	100 deg c
DENSITY	1.0 g/cm	OXIDISING PROPERTIS	Not available
FLASH POINT	None	VAPOUR PRESSURE	2266.5 pA
IGNITION	Not applicable	VAPOUR DENSITY	<1 Water
VISCOSITY		EVAPORATION RATE	<1 Water
p.H VALUE		SOLUBILITY IN WATER	Dilutable

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**10 STABILITY AND REACTIVITY**

10.1. THERMAL DECOMPOSITION	>200 deg c
10.2. CONDITIONS TO AVOID	Do not leave containers open when not in use.
10.3. MATERIALS TO AVOID	Oxidizing agents
10.4. HAZARDOUS DECOMPOSITION PRODS	Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapors

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**11. TOXICOLOGICAL INFORMATION**

11.1. DERMAL LD50	Rabbit : >5000 mg/kg
11.2. ORAL LD50	Rat : >5000 mg/kg
11.3. SKIN IRRITATION	Rabbit : practically non-irritating
11.4. EYE IRRITATION	Rabbit : inconsequential irritation

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**12. ECOLOGICAL INFORMATION**

No applicable data

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**13. DISPOSAL CONSIDERATION**

Coagulate the dispersion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local state, and federal regulations.

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**14. TRANSPORT INFORMATION**

Label not regulated

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**15. REGULATORY INFORMATION**

EEC

This product satisfies all the requirements of the European Inventory of Existing Chemical Substances. (EINECS)

This product is not HAZARDOUS ACCORDING TO EEC Directives 67/548/EEC and 88/379/EEC.

REVISION

No.1

February 2012

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