



**Material Safety Data Sheet
February 2012**

Solseal Flexible Liquid Membrane

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 CHEMICAL NATURE

Synthetic Resin / Pigment / Xylene (50% w/w) solution

1.2 COMPANY

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

1.3 EMERGENCY CONTACT NUMBER

+44 (0) 808 168 6927

2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINS

50% Xylene

EEC No. : 601 002 00-9

EEC -Symbol : Xn (Harmful)

CAS No. : 1330-27-7

R Phrases : R10 R20 R40/21 R38

3. HAZARD IDENTIFICATION

3.1 Flammable (R10)

3.2 Harmful by inhalation (R20)

3.3 Irritating to the skin (R38)

3.4 Harmful : possible risk of irreversible effects in contact with skin (R40 / 21)

4. FIRST AID MEASURES

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

4.1. SKIN CONTACT

Wash affected area with plenty of soap and water. Do not use organic solvents. In case of irritation seek medical attention.

4.2. EYE CONTACT

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

4.3. INHALATION

Move affected person to fresh air. If recovery not rapid, 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

5.1. SUITABLE EXTINGUISHING MEDIA

Water mist, Carbon Dioxide, Foam, Dry powder

5.2. UNSUITABLE EXTINGUISHING MEDIA

High pressure water jet

5.3. EXPOSURE HAZARDS

Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapors. Do not release chemically contaminated water into drains, soil, or surface water. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

5.4. PROTECTIVE EQUIPMENT

Use full protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS

Avoid skin contact, wear suitable protective equipment (including respiratory protection). Open enclosed spaces to atmosphere.

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.

7. HANDLING AND STORAGE

7.1. HANDLING

Keep away from sources of ignition - No smoking. Wear suitable protective clothing. Use only in well ventilated areas. Do not eat, drink or smoke at the workplace.

7.2. STORAGE

Store in original container securely closed in a cool dry place. Do not leave drums open. Earth storage containers during transfer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

TECHNICAL PROTECTIVE MEASURES

Local exhaust Ventilation

RESPIRATORY PROTECTION

Chemical cartridge

SKIN PROTECTION

Wear overall and closed footwear. Apply skin protection cream before handling.

EXPOSURE CONTROL LIMITS

Xylene 100 PPM (TWA)

Xylene 150 PPM (STEL)

HAND PROTECTION

Wear suitable gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pigmented liquid	MELTING POINT RANGE	Not available
ODOUR	Solvent	BOILING POINT RANGE	137 - 143 deg c
DENSITY	1.0 g/cm	OXIDISING PROPERTIES	Not available
FLASH POINT	24 deg c	VAPOUR PRESSURE	Not available
IGNITION	Not available	AUTO FLAMMABILITY	Not available
VISCOSITY		PARTITION COEFF	Not available
p.H VALUE		EXPLOSIVE PROPERTIES	Not available
SOLUBILITY IN WATER	Insoluble		

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

11. TOXICOLOGICAL INFORMATION

11.1. EYES	Irritation, pain, redness
11.2. INGESTION	Irritates respiratory tract
11.3. INHALATION	Harmful
11.4. SKIN	May cause redness, solvents de-fat skin, may cause irreversible effects due to bio availability of polycyclic aromatic hydrocarbons. Product not actually tested - Expected results.

12. ECOLOGICAL INFORMATION

PREVENT CONTAMINATION OF SOIL, DRAINS OR SURFACE WATER.

12.1. LC50 ZEBRA FISH (96H)	Not available
12.2. LC50B RAINBOW TROUT (96H)	Not available
12.3. DAPHNIA MAGNA (24H)	Not available
12.4. BIODEGRADEABILITY (STURM TEST)	Not available
12.5. ALGEA INHIBITION TEST	Not available
12.6. SLUDGE TOXICITY	Not available

13. DISPOSAL CONSIDERATION

Incineration or landfill in accordance with local regulations. Contaminated packaging materials should be disposed of identically to the product itself. Packaging materials that are not contaminated should be treated as household waste or as a recycling material.

14. TRANSPORT INFORMATION

RID / ADR	3.3	UN	1263
IMO	3	PACKAGING GROUP	III
EAC No.	(3Y)	PROPER SHIPPING NAME	PAINT
HIN No.	30	TREM CARD No.	
ICAO		LABEL	Flammable Diamond

15. REGULATORY INFORMATION

EC LABELLING AS REQUIRED BY CHIP

CLASSIFICATION	Primary hazard: Xn Secondary Hazard:
SYMBOL	Xn Harmful
R10	Flammable
R20/21	Harmful by inhalation and skin contact
S2	Keep out of reach of children
S23	Do not breath vapour
S37	Wear suitable gloves
S46	If swallowed seek medical advice immediately and show this, container or label.
C.A.S REGISTRY NO.:	Intentional Mixture
EINECS NO.:	Intentional Mixture
CUSTOMS TARIFF:	
EXPOSURE LIMITS:	Xylene – OES 8hrsTWA 441mg/m3
NATIONAL LEGISLATION:	The Carriage of Dangerous Goods by Rail and Road Regulations The Chemical (Hazards) Information and Packaging for Supply Regulations 1994 and amendments. The Control of Substances Hazardous to Health Regulations S. I. 1657 (1988) and amendments.

16. OTHER INFORMATION

The provision of safety data sheets comes under regulation 6 of CHIP. This addition to the Health and Safety at work act 1974 (HSWA)

Users of products supplied by Solco should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health (COSHH)
CHIP is the recognised abbreviation for the Chemical Hazardous Information and Packaging regulations 1996.

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All information is based on results gained from experience and test and is believed to be accurate but is given without acceptance of liability for loss or damage attribute to reliance thereon as conditions of use lie outside our control. Users should always carry tests to establish the suitability of any products for their intended application. No statements shall be incorporated in any contract unless expressly agreed in writing or construed as recommending the use of any product in conflict of any patent.

All goods are supplied subject toSolco’s General Conditions of Sale.