



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Sikafloor Proseal 90 Safety Data Sheet

Safety Data Sheet

Product: **Sikafloor Proseal 90**

Supplier:

Arcon Construction Supplies
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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SKFLPR90
Product Name Sikafloor Proseal 90
Product Description Solvented concrete hardener/ sealer
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
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2. COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Xylene	1330-20-7	25.00% - 50.00%	Xn	R10, R20/21, R38
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	10.00% - 25.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
1,2,4-trimethylbenzene	95.63.6	10.00% - 25.00%	Xn, N	R10, R20, R36/37/38, R51/53
Propyl benzene	103-65-1	2.50% - 10.00%	Xn, N	R10, R37, R51/53, R65

3. HAZARD IDENTIFICATION

Main Hazards Flammable
Harmful by inhalation and in contact with skin.
Irritating to respiratory system and skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Harmful : may cause lung damage if swallowed

4. FIRST AID MEASURES

Eye Contact Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.
Obtain medical attention urgently.

Skin Contact Wash contaminated skin with soap and water.
Obtain medical attention if blistering or redness persists

Ingestion Do not induce vomiting.
Obtain medical attention.

Inhalation Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use foam, dry chemical or carbon dioxide.

Extinguishing Media - Not suitable Do not use water jet.

Special Hazards of Product Combustion will produce smoke, carbon dioxide and carbon monoxide.

Protective Equipment for Fire-Fighting Wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Eliminate all sources of ignition. Wear appropriate protective clothing.

Environmental Precautions and Clean-up

Ventilate area to dispel any residual vapours.

Methods

Try to prevent the material from entering drains or water courses.

Spillages

Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE**Handling**

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Avoid contact with eyes, skin and clothing. Avoid inhaling vapour.

Use in well ventilated area.

Storage

Storage area should be: cool. dry. well ventilated. out of direct sunlight.

Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits - GB**

Xylene

EH40: OES 50ppm (220mg/M3) 8 hr TWA

EH40: OES 100ppm (441mg/M3) 15 min STEL

1,2,4-trimethylbenzene

EH40: OES 25ppm (125mg/M3) 8 hr TWA

Engineering Control Measures

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection

Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection

Wear suitable impervious gloves. (butyl / nitrile)

Eye Protection

Chemical goggles if there is a risk of splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Colourless.

Odor

Hydrocarbon.

Boiling Point °C

> 150

Flash Point °C

35

Solubility - Water

Immiscible.

Density (kg/m3)

Approx 910 at 20 °C.

Viscosity (at 20°C)

Mobile Liquid

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Sources of ignition.

Exposure to direct sunlight. High temperatures.

Materials to avoid

None known.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Excessive exposure may produce anaesthetic or narcotic effects. Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent skin contact may cause irritation and defatting due to the solvent content.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is insoluble in water.
<i>Persistence/degradability</i>	Expected to be biodegradable.
<i>Ecotoxicity</i>	This material is harmful to aquatic organisms.

13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>UN : UN number</i>	1866
<i>UN : Class</i>	3
<i>UN : Packing Group</i>	3.3
<i>ADR/RID : Number</i>	1866
<i>ADR/RID : Proper shipping name</i>	RESIN SOLUTION, flammable
<i>ADR/RID : Class</i>	3
<i>ADR/RID : Item Number</i>	31(c)
<i>IMDG : Proper shipping name</i>	RESIN SOLUTION, flammable
<i>IMDG : Packing Group</i>	3.3
<i>IMDG : Class</i>	3
<i>IMDG : Marine Pollutant</i>	P
<i>IMDG : Ems Number</i>	3-07
<i>IATA : Proper shipping name</i>	RESIN SOLUTION, flammable
<i>IATA : Packing Group</i>	3
<i>IATA : Class</i>	3

15. REGULATORY INFORMATION

Label Requirements Harmful, Dangerous for the environment



Risk Phrases Flammable.
Harmful by inhalation and in contact with skin.
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SAFETY DATA SHEET

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Date of issue - 08/04/2003.

SKFLPR90

Safety Phrases

Wear suitable protective clothing and gloves.
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Use only in well-ventilated areas.

Contains

Xylene

16. OTHER INFORMATION

First Issue Date

15.11.2002

Revisions Highlighted

Hazards Identification
Regulatory Information

Uses and Restrictions

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

UK Legislation

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.
SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations, 2002.
SI 1972/917: Highly Flammable Liquids & LPG Regs.
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI No. 972/1996: The Special Waste Regulations 1996
SI 1999/437: The Control of Substances Hazardous to Health Regulations

UK Guidance Publications

General Approved Code of Practice to COSHH Regulations, HSE.
EH40, Occupational Exposure Limits, HSE. Revised Annually.
HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.
Guide to Highly Flammable Liquids & LPG Regulations - H&SE.

Footnote

The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.