

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKRLKCP
Product Name	SikaRail KC 330 Primer
Product Description	One component solvented polyurethane based primer for use with SikaRail elastic grout range.
Manufacturer/Supplier	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	Concentration	Classification	Risk Phrases
1) Diphenylmethandiisocyanate	10.00% - 25.00%	Xn	R20, R36/37/38, R42/43
2) Xylene	10.00%-25.00%	Xn	R10, R20/21, R38
3) Solvent Naptha (Petroleum),Light Aromatic.	10.00% - 25.00%	Xn, N	R10, R37, R51/53, R65
4) 2-Methoxy-1-methylethyl acetate	10.00%-25.00%	Xi	R10, R36
5) Ethyl benzene	2.50%-10.00%	Xn	R11, R20

HAZARD IDENTIFICATION

Main Hazards	Flammable Irritating to eyes, respiratory system and skin. Harmful by inhalation and in contact with skin. May cause sensitization by inhalation and skin contact.
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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	Wipe off as much as possible with a clean dry cloth. Wash skin thoroughly with soap and water. If material proves difficult to remove, use suitable skin cleanser (not solvent). Solvents should not be used to clean skin because they may increase the penetration of the material. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Obtain medical attention urgently.
Inhalation	Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.



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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	Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective clothing. Eliminate all sources of ignition. Ventilate area to dispel any residual vapours.
Environmental Precautions and Clean-up Methods Spillages	Try to prevent the material from entering drains or water courses. Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

HANDLING AND STORAGE

Handling	Use in well ventilated area. Avoid contact with water or moist air. Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.
Storage	Avoid contact with eyes, skin and clothing. Storage area should be: cool. dry. Storage temperature should be controlled to between 5 and 25 °C. Store in the original container securely closed . Keep away from foodstuffs

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

1) Diphenylmethandiisocyanate	UK EH40: MEL 0.02mg/m ³ 8h TWA. UK EH40: MEL 0.07mg/m ³ 15min STEL.
2) Xylene	UK EH40: OES 100ppm (435mg/m ³) 8h TWA. UK EH40: OES 150ppm (650mg/m ³) 15min STEL
3) 2-Methoxy-1-methylethyl acetate	None assigned.
4) Ethyl benzene	UK EH40: OES 100ppm (435mg/m ³) 8h TWA. UK EH40: OES 125ppm (545mg/m ³) 15min STEL

Engineering Control Measures	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	If limits are exceeded use an approved respirator suitable for the purpose.
Hand Protection	Wear suitable impervious gloves.
Eye Protection	Chemical goggles.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Color	Brown.
Odor	Characteristic.
Flash Point °C	Approx. 25
Solubility - Water	Insoluble. (reacts with water to form solid)
Density (kg/m³)	980 at 20 °C.
Viscosity (at 20°C)	Mobile liquid at ambient temperatures.



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STABILITY AND REACTIVITY

<i>Stability</i>	Contains volatile solvent. Stable under normal conditions.
<i>Conditions to avoid</i>	Polymerisation will continue if exposed to: water. Sources of ignition. Extremes of temperature.
<i>Materials to avoid</i>	Oxidising agents. Alcohols. Amines.
<i>Hazardous Decomposition Products</i>	Heating may produce: oxides of carbon. oxides of nitrogen. toxic fumes. acrid smoke and irritating fumes.

TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	The product contains components that are harmful by the following route of exposure: inhalation. skin contact.
<i>Eye irritation</i>	Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	May cause sensitisation. Frequent or prolonged skin contact may cause some local short term skin irritation.
<i>Human Data</i>	Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.

ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is insoluble in water.
<i>Persistence/degradability</i>	The product is expected to be not readily biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.

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.

TRANSPORT INFORMATION

<i>UN :</i>	<i>UN number</i>	1263
<i>UN :</i>	<i>Class</i>	3.3
<i>UN :</i>	<i>Packing Group</i>	3
<i>ADR/RID</i>	<i>Proper shipping name</i>	Paints - flash point between 21°C and 55°C.
<i>ADR/RID</i>	<i>Class</i>	3
<i>ADR/RID</i>	<i>Item Number</i>	31 (c)
<i>ADR/RID</i>	<i>Hazard Identification Number</i>	30
<i>IMDG :</i>	<i>Proper shipping name</i>	Paint.
<i>IMDG :</i>	<i>Packing Group</i>	3
<i>IMDG :</i>	<i>Class</i>	3.3
<i>IMDG :</i>	<i>Ems Number</i>	3-05
<i>IMDG :</i>	<i>MFAG Number</i>	3372
<i>IATA :</i>	<i>Proper shipping name</i>	Paint.
<i>IATA :</i>	<i>Packing Group</i>	3



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IATA : Class

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REGULATORY INFORMATION

Label Requirements

Harmful



Risk Phrases

Flammable
Irritating to eyes, respiratory system and skin.
Harmful by inhalation and in contact with skin.
May cause sensitization by inhalation and skin contact

Safety Phrases

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
In case of insufficient ventilation, wear suitable respiratory equipment.
Use only in well-ventilated areas.

Contains isocyanates - See information supplied by the manufacturers.

OTHER INFORMATION

First Issue Date

20.12.1995

Revisions Highlighted

Composition / information on ingredients
Hazards identification
Physical and Chemical Properties
Toxicological information
Risk phrases

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 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.
SI 1999/437: The Control of Substances Hazardous to Health Regulations
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI No. 972/1996: The Special Waste Regulations 1996

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.

Footnote

Guide for the Storage and Use of Highly Flammable Liquids - CIA
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.