

**1. PRODUCT AND COMPANY IDENTIFICATION**

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|------------------------------|--|
| Product Code | SKFL16PRN |
| Product Name | Sikafloor 16 Pronto N |
| Product Description | Methacrylate based coating |
| Manufacturer/Supplier | Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129 |

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

| Component | CAS/EINECS | Concentration | Classification | Risk Phrases |
|--|-------------|------------------|----------------|------------------|
| Methyl Methacrylate | 80-62-6 | 50.00% - 100.00% | F, Xi | R11, R37/38, R43 |
| Pentamethyl piperidylsebazate | 41556-26-7 | 0.10% - 1.00% | Xi, N | R43, R50/53 |
| Mix linear and branched C7-C9 alkyl propionates | 127519-17-9 | 0.10% - 1.00% | N | R51/53 |
| Methyl 1,2,2,6,6-pentamethyl-4-piperdyl sebacate | 82919-37-7 | 0.10% - 1.00% | Xi, N | R43, R50/53 |

3. HAZARD IDENTIFICATION

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| Main Hazards | Highly flammable Irritating to respiratory system and skin. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
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4. FIRST AID MEASURES

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| 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 skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use. 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

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| Extinguishing Media | Use foam, dry chemical or carbon dioxide. |
| Extinguishing Media - Not suitable | Do not use water jet. |
| Special Hazards of Product | May form explosive mixtures with air. Combustion will produce smoke, carbon dioxide and carbon monoxide. See also Section 10. |
| Protective Equipment for Fire-Fighting | Wear full protective clothing and self-contained breathing apparatus. |



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing. Eliminate all sources of ignition.

Environmental Precautions and Clean-up Methods Spillages

Ventilate area to dispel any residual vapours.
Prevent the material from entering drains or water courses.

Contain and absorb using earth, sand or other inert material. Contaminated absorbent material may pose the same hazard as the spilled product.
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.

Use in well ventilated area. Use local exhaust ventilation. Avoid inhaling vapour.

Storage

Avoid contact with eyes, skin and clothing.

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

Storage temperature should be controlled to between 5 and 25 °C.

Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

Methyl Methacrylate

UK EH40: OES 100ppm (416mg/m³) 15min STEL

UK EH40: OES 50ppm (208mg/m³) 8h TWA.

Engineering Control Measures

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

Respiratory Protection

Good ventilation should be provided to keep below exposure limits. If limits are exceeded use an approved respirator suitable for the purpose.

Hand Protection

Wear suitable impervious gloves. (butyl / nitrile type)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Blue.

Odor

Acrylic

Flash Point °C

10

Solubility - Water

Immiscible.

Density (kg/m³)

Approx. 1000 at 20 °C.

Viscosity (at 20°C)

Approx. 100 - 200 at 20 °C. (measured as mPa.s)

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Polymerisation will continue if exposed to: heat, peroxides, free radical initiators.

Conditions to avoid

High temperatures. Exposure to direct sunlight. Sources of ignition. Static discharge.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon, acrylic monomers, acrid smoke and irritating fumes.



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11. TOXICOLOGICAL INFORMATION

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| <i>Acute toxicity</i> | Excessive exposure may produce anaesthetic or narcotic effects. |
| <i>Eye irritation</i> | Irritating to the eyes. Liquid and vapour can cause irritation on contact and at high concentrations. |
| <i>Skin irritation</i> | Frequent or prolonged skin contact may cause some local short term skin irritation. |
| <i>Sensitization - Skin</i> | May cause sensitisation. Persons known to be hypersensitive (asthma, chronic bronchitis, etc.) should refrain from handling the product. |

12. ECOLOGICAL INFORMATION

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| <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. |

13. DISPOSAL

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|---------------------------|---|
| <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

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|---------------------------------------|--|
| <i>UN : UN number</i> | 1247 |
| <i>UN : Class</i> | 3.2 |
| <i>UN : Packing Group</i> | 2 |
| <i>ADR/RID : Number</i> | 1247 |
| <i>ADR/RID : Proper shipping name</i> | Methyl Methacrylate monomer, Inhibited. |
| <i>ADR/RID : Class</i> | 3 |
| <i>ADR/RID : Item Number</i> | 3°(b) Class F1 |
| <i>IMDG : Proper shipping name</i> | Methyl Methacrylate, monomer, inhibited. |
| <i>IMDG : Packing Group</i> | 2 |
| <i>IMDG : Class</i> | 3.2 |
| <i>IMDG : Ems Number</i> | F-E, S-D |
| <i>IATA : Proper shipping name</i> | Methyl Methacrylate, monomer, inhibited |
| <i>IATA : Packing Group</i> | 2 |
| <i>IATA : Class</i> | 3 |

15. REGULATORY INFORMATION

Label Requirements Irritant, Highly flammable



Risk Phrases Highly flammable.
Irritating to respiratory system and skin.
May cause sensitization by skin contact.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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Safety Phrases

Avoid contact with skin.
Take precautionary measures against static discharges.
Wear suitable protective clothing and gloves.
Use only in well-ventilated areas.

Contains

Methyl methacrylate

16. OTHER INFORMATION

First Issue Date

30.4.2004

Revisions Highlighted

Future revisions will incorporate such information as is required but which is not available at this time.

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
SI No. 972/1996: The Special Waste Regulations 1996
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI 2002/2677: The Control of Substances Hazardous to Health Regulations

UK Guidance Publications

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

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.