



SAFETY DATA SHEET

Sikafloor 18 Pronto Part A

Date of issue - 18/10/2007.

SKFL18PTA

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	SKFL18PTA
Product Name	Sikafloor 18 Pronto Part A
Product Description	2-component rapid setting methacrylate based flowable mortar
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	35.00% - 50.00%	F, Xi	R11, R37/38, R43
2-Ethylhexylacrylate	103-11-7	5.00% - 10.00%	Xi	R37/38, R43
1,1'-(p-tolylimino) dipropan-2-ol	36668-48-3	1.00% - 2.50%	T	R25, R52/53

3. HAZARD IDENTIFICATION

Main Hazards	Highly flammable. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.
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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 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

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: WEL 100ppm (416mg/m³) 15min STEL

UK EH40: WEL 50ppm (208mg/m³) 8h TWA.

Engineering Control Measures

Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure.

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 type)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Blue.

Odor

Acrylic Pungent.

Flash Point °C

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Explosion Limits (%)

UEL: 0.80%; LEL 12.50%

Solubility - Water

Immiscible.

Density (kg/m³)

Approx. 1000 at 20 °C.

Viscosity (at 20°C)

Approx. 250 at 20 °C. (measured as mPa.s)



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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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Excessive exposure may produce anaesthetic or narcotic effects.

Eye irritation

Irritating to the eyes.
Liquid and vapour can cause irritation on contact and at high concentrations.

Skin irritation

Frequent or prolonged skin contact may cause some local short term skin irritation.

Sensitization - Skin

The possibility of allergic sensitisation should be considered.

12. ECOLOGICAL INFORMATION

Mobility

The product is insoluble in water.

Persistence/degradability

The product is expected to be not readily biodegradable.

Ecotoxicity

The product may be harmful to aquatic organisms.

13. DISPOSAL

Product Disposal

Hazardous waste.
Arrange for disposal via a licensed waste contractor.

Container Disposal

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

Label Requirements

Irritant, Highly flammable



Risk Phrases

Highly flammable.
Irritating to eyes, respiratory system and skin.
May cause sensitisation by skin contact.

Safety Phrases

Avoid contact with skin.
Wear suitable gloves.

Contains

Methyl Methacrylate, 2 - ethylhexyl acrylate

16. OTHER INFORMATION

First Issue Date

18.10.2007

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.
Chemicals (Hazard Information and Packaging) Regulations,
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI 1999/437: The Control of Substances Hazardous to Health Regulations
SI 2002/2776: Dangerous Substances and Explosive Atmospheres Regulations
SI 2005/ 894 Hazardous waste regulations 2005
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.

UK Guidance Publications

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.