

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFXPR2H
Product Name	Sikaflex PRO 2 HP
Product Description	One component moisture curing polyurethane sealant.
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) Naptha (Petroleum)Hydrosulphurised Heavy	1.00%-2.50%	Xn, N	R10, ., R65, ., R51/53
2) N,N-Dibenzylidene polyoxypropylene diamine	1.00%-2.50%	C	R34
3) Isophorondiisocyanate	0.10%-1.00%	T	R23, R36/37/38, R42/43
4) 1,2-Benzenedicarboxylic acid, diisodecyl ester	25.00%-50.00%		

HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

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. If material proves difficult to remove, use suitable skin cleanser (not solvent). Wash skin thoroughly with soap and water. Solvents should not be used to clean skin because they may increase the penetration of the material. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Wash out mouth with water. Obtain medical attention.
Inhalation	Unlikely to occur.However provide symptomatic medical treatment if required.

FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide.
Special Hazards of Product	Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours. See also Section 10.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing.

**Environmental Precautions and
Clean-up Methods
Spillages**

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

Remove spilled/leaked product by scraping from surfaces. Allow to solidify normally. Clean surfaces with a suitable solvent.

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.

Use in well ventilated area.

Storage

Storage area should be: cool. dry.

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

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

- 1) Naptha (Petroleum)Hydrosulphurised Heavy
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UK EH40: OES 600mg/m³ 8h TWA.

None assigned.

UK EH40: MEL 0.02mg/m³ 8h TWA.UK EH40: MEL 0.07mg/m³ 15min STEL.UK EH40: OES 5mg/m³ 8h TWA.**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.

The insides of gloves must be kept scrupulously clean.

Eye Protection

Wear safety glasses if risks of accidental contamination are possible during application.

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Paste.

Color

Various

Odor

Characteristic.

pH

Not applicable.

Flash Point °C

Approx. 65

Solubility - Water

Insoluble.

Vapor Pressure (kPa)

Negligible vapour pressure at ambient conditions.

Density (kg/m³)

Approx. 1.26 at 20 °C.

Viscosity (at 20°C)

Thixotropic paste

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Exposure to water or moisture.

Materials to avoid

Amines. Alcohols.

**Hazardous Decomposition Products**

Reaction with water or moist air may produce: carbon dioxide formation resulting in pressure increase in bulk containers (risk of bursting).

Combustion will generate: oxides of carbon. oxides of nitrogen. hydrogen chloride. toxic nitrogen compounds. acrid smoke and irritating fumes.

TOXICOLOGICAL INFORMATION**Acute toxicity**

Low order of acute toxicity.

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.

Human Data

Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.

ECOLOGICAL INFORMATION**Mobility**

Because of its high viscosity, low water solubility and low degree of toxicity, this material should not present any environmental problems.

Ecotoxicity

The product is expected to be non-hazardous to aquatic species.

DISPOSAL**Product Disposal**

If possible allow the product to cure naturally in open air. When cured the product may be landfilled.
Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.

TRANSPORT INFORMATION**ADR/RID Substance Identification Number**

Not Regulated under ADR/RID

IMDG : Proper shipping name

Not Regulated under IMDG

IATA : Proper shipping name

Not Regulated under ICAO

REGULATORY INFORMATION**Risk Phrases**

None assigned.

Safety Phrases

Contains isocyanates. See information supplied by the manufacturer.

OTHER INFORMATION**First Issue Date**

22.07.1997

Revisions Highlighted

Composition/Information on the Components
Main Hazards
Exposure Controls/Personal Protection
Physical and Chemical Properties
Toxicological Information
Labelling Information



SAFETY DATA SHEET

Sikaflex PRO 2 HP

Date of issue - 22/03/2001.

SKFXPR2H

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.

UK Guidance Publications

EH40, Occupational Exposure Limits, HSE. Revised Annually.
General Approved Code of Practice to COSHH Regulations, 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.