



## SAFETY DATA SHEET SIKA® CONCRETE PRIMER (A)

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	SIKA® CONCRETE PRIMER (A)
APPLICATION	Surface coating for the building and construction industry
SUPPLIER	SIKA SERVICES AG BU Contractors Tüffenwies 16 CH-8048 Zürich +41 58 436 40 40 +41 58 436 43 43 sika@sika.ch
EMERGENCY TELEPHONE	+ 44(0)870 190 6777 (24hr, ENG)

### 2 HAZARDS IDENTIFICATION

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

CLASSIFICATION Xn;R20. R42/43. Xi;R36/37/38. R10.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	10-30%	R10 Xi;R36
METHYLENEDIPHENYL DIISOCYANATE	247-714-0	26447-40-5	10-30%	Xn;R20 R42/43 Xi;R36/37/38
PROPYL ACETATE	203-686-1	109-60-4	5-10%	F;R11 Xi;R36 R66 R67

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Remove affected person from source of contamination.

#### INHALATION

In case of inhalation of spray mist: Move person into fresh air and keep at rest. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### INGESTION

Immediately rinse mouth and provide fresh air. Consult a physician for specific advice. DO NOT induce vomiting. Get medical attention immediately.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Powder. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Containers close to fire should be removed or cooled with water. If risk of water pollution occurs, notify appropriate authorities.

**SIKA® CONCRETE PRIMER (A)****UNUSUAL FIRE & EXPLOSION HAZARDS**

May ignite at high temperature.

**SPECIFIC HAZARDS**

Closed containers can burst violently when heated, due to excess pressure build-up.

**PROTECTIVE MEASURES IN FIRE**

Wear full protective clothing. Use air-supplied respirator during fire fighting.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

**SPILL CLEAN UP METHODS**

Ventilate well. Should be prevented from entering drains. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. For waste disposal, see section 13.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not use in confined spaces without adequate ventilation and/or respirator. During application and drying, solvent vapours will be emitted. Persons with impaired lung functions should not handle this preparation. Persons susceptible for allergic reactions should not handle this product. Wear full protective clothing for prolonged exposure and/or high concentrations.

**STORAGE PRECAUTIONS**

Store in a dry place. Protect from freezing and direct sunlight. Store below 25°C. Avoid storing for very long periods.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk)	274 mg/m3(Sk)	100 ppm(Sk)	548 mg/m3(Sk)	
METHYLENEDIPHENYL DIISOCYANATE	WEL		0.02 mg/m3(Sen)		0.07 mg/m3(Sen)	
PROPYL ACETATE	WEL	200 ppm	849 mg/m3	250 ppm	1060 mg/m3	

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****PROCESS CONDITIONS**

Provide eyewash station.

**ENGINEERING MEASURES**

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Wear respiratory protection with combination filter (dust and gas filter) during spraying operations.

**HAND PROTECTION**

Wear protective gloves. Nitrile gloves are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**SIKA® CONCRETE PRIMER (A)****EYE PROTECTION**

Wear tight-fitting goggles or face shield.

**OTHER PROTECTION**

Wear suitable protective clothing as protection against splashing or contamination.

**HYGIENE MEASURES**

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Colourless to pale yellow		
ODOUR	Solvent.		
RELATIVE DENSITY	~1.1	VAPOUR DENSITY (air=1)	>1
VOLATILE BY VOL. (%)	37.7	FLASH POINT (°C)	40
VOC (2004/42/EC) category	(A/h): 750 g/l (2010)	VOLATILE ORGANIC COMPOUND (VOC)	284 g/litre

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid excessive heat for prolonged periods of time. Avoid contact with water. The product will harden into a hard mass in contact with water and moisture.

**HAZARDOUS DECOMPOSITION PRODUCTS**

If heated, vapours/gases hazardous to health (e.g. CO, NOx, isocyanates) may be formed.

**11 TOXICOLOGICAL INFORMATION****GENERAL INFORMATION**

Preparation contains small volumes of isocyanate which may cause allergic reaction and irritation of respiratory system.

**INHALATION**

Harmful by inhalation. May cause sensitisation by inhalation. Vapour from this chemical can be hazardous when inhaled. May cause an asthma-like shortness of breath. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

**INGESTION**

May cause stomach pain or vomiting.

**SKIN CONTACT**

May cause sensitisation by skin contact. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**EYE CONTACT**

Irritating to eyes.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**MOBILITY**

The product is immiscible with water and will sediment in water systems. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**BIOACCUMULATION**

No data available on bioaccumulation.

**DEGRADABILITY**

The product is not readily biodegradable.

**SIKA® CONCRETE PRIMER (A)****13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

## DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Contact supplier for disposal information.

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	PAINT RELATED MATERIAL		
UN NO. ROAD	1263	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1263
IMDG CLASS	3	IMDG PACK GR.	III
EMS	F-E, S-E	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1263
AIR CLASS	3	AIR PACK GR.	III

**15 REGULATORY INFORMATION**

## LABELLING



Harmful

CONTAINS METHYLENEDIPHENYL DIISOCYANATE

## RISK PHRASES

R10	Flammable.
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R42/43	May cause sensitisation by inhalation and skin contact.

## SAFETY PHRASES

S23	Do not breathe vapour/spray.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
P4	Contains isocyanates. See information supplied by the manufacturer.

## SIKA® CONCRETE PRIMER (A)

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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## 16 OTHER INFORMATION

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### GENERAL INFORMATION

Only trained personnel should use this material.

### ISSUED BY

Mike Byrne

REVISION DATE 22/04/2009

REV. NO./REPL. SDS GENERATED 2

### RISK PHRASES IN FULL

R10	Flammable.
R20	Harmful by inhalation.
R11	Highly flammable.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R42/43	May cause sensitisation by inhalation and skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

### DISCLAIMER

The information given is believed to be correct but does not claim to be all inclusive and is to be used only as a guide. This company will not be held liable for any damage resulting from handling or from contact with this product. Do not use without referring to the product and safety data sheet. Refer to all local, national and international regulations. Protect from frost and heat - stir before use. Manufactured in the E.U. under an ISO9000 registered system.