



**SAFETY DATA SHEET**  
**SIKALASTIC® -621 TC (DECOTHANE TOP COAT)**

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

PRODUCT NAME                    SIKALASTIC® -621 TC (DECOTHANE TOP COAT)  
 APPLICATION                    Surface coating for the building and construction industry  
 SUPPLIER                         SIKA SERVICES AG  
    BU Contractors  
    Tüffenwies 16  
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 EMERGENCY TELEPHONE        + 44(0)870 190 6777 (24hr, ENG)

**2 HAZARDS IDENTIFICATION**

Harmful by inhalation. May cause sensitisation by inhalation and skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION                    Xn;R20. R42/43. N;R51/53.

**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
DIPHENYLCRESYL PHOSPHATE	247-693-8	26444-49-5	5-10%	N;R51/53.
ISOPHORONE DI-ISOCYANATE	223-861-6	4098-71-9	< 1%	T;R23 R42/43 Xi;R36/37/38 N;R51/53
ISOPHORONE DIISOCYANATE HOMOPOLYMER	500-125-5	53880-05-0	1-5%	R43.
TRIPHENYL PHOSPHATE	204-112-2	115-86-6	1-5%	N;R50/53.

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**

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped.

**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**

**SIKALASTIC® -621 TC (DECOTHANE TOP COAT)****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.

**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 contact with skin and eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid inhalation of vapours and spray mists. 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)	
ISOPHORONE DI-ISOCYANATE	WEL		0.02 mg/m3(Sk)		0.07 mg/m3(Sk)	
TRIPHENYL PHOSPHATE	WEL		3		6	

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.

**SIKALASTIC® -621 TC (DECOTHANE TOP COAT)****RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. If ventilation is insufficient, suitable respiratory protection must be provided. When spraying use suitable air-supplied respirator. Wear respiratory protection with combination filter (dust and gas filter) during spraying operations. Seek advice from supervisor on the companies' respiratory protection standards.

**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.

**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	Coloured liquid		
COLOUR	Varying		
ODOUR	Mild Hydrocarbon		
SOLUBILITY	Immiscible with water Hardens in contact with water.		
BOILING POINT (°C)	>100@ 760 mm Hg	RELATIVE DENSITY	~1.4
VAPOUR DENSITY (air=1)	>1	VOLATILE BY VOL. (%)	15
FLASH POINT (°C)	62	AUTO IGNITION TEMPERATURE (°C)	315
FLAMMABILITY LIMIT - LOWER(%)	1.5	FLAMMABILITY LIMIT - UPPER(%)	10.8
VOC (2004/42/EC) category	(A/I): 500 g/l (2010)	VOLATILE ORGANIC COMPOUND (VOC)	183 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, NO<sub>x</sub>, 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**

## SIKALASTIC® -621 TC (DECOTHANE TOP COAT)

**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.

### 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	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diphenylcresyl phosphate, Triphenyl phosphate)		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	HAZARD No. (ADR)	90
ADR LABEL NO.	9	HAZCHEM CODE	3Z
CEFIC TEC(R) NO.	90GM6-III	RID CLASS NO.	9
RID PACK GROUP	III	UN NO. SEA	3082
IMDG CLASS	9	IMDG PACK GR.	III
EMS	F-A, S-F	MFAG	See Guide
MARINE POLLUTANT		UN NO. AIR	3082



AIR CLASS	9	AIR PACK GR.	III
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### 15 REGULATORY INFORMATION

**LABELLING**



Harmful



Dangerous for the environment

**SIKALASTIC® -621 TC (DECOTHANE TOP COAT)**

CONTAINS

ISOPHORONE DI-ISOCYANATE  
ISOPHORONE DIISOCYANATE HOMOPOLYMER

RISK PHRASES

R20 Harmful by inhalation.  
R42/43 May cause sensitisation by inhalation and skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S23 Do not breathe vapour/spray.  
S24 Avoid contact with skin.  
S37 Wear suitable gloves.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.  
P4 Contains isocyanates. See information supplied by the manufacturer.

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).

**16 OTHER INFORMATION**

GENERAL INFORMATION

Only trained personnel should use this material.

ISSUED BY

Mike Byrne

REVISION DATE 01/04/2009

REV. NO./REPL. SDS GENERATED 1

RISK PHRASES IN FULL

R10 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.  
R43 May cause sensitisation by skin contact.  
R23 Toxic by inhalation.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.