# SikaTransfloor<sup>®</sup>-352 Rapid Part B



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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### **1.1 Product identifier**

Trade name

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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Flooring system

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Norge AS
		Sanitetsveien 1
		2013 Skjetten
Telephone	:	+47 67 06 79 00
E-mail address of person	:	kundeservice@no.sika.com
•	:	+47 67 06 79 00

#### 1.4 Emergency telephone number

Giftinformasjonen: 22 59 13 00

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.

#### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Revision Date: 03.03.2025 Version 4.1 Print Date 03.03.2025 Date of last issue: 13.06.2023 Hazard pictograms Signal word Danger 1 H315 Causes skin irritation. Hazard statements May cause an allergic skin reaction. H317 H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. H335 Suspected of causing cancer. H351 May cause damage to organs through prolonged H373 or repeated exposure if inhaled. Prevention: Precautionary statements P201 Obtain special instructions before use. P260 Do not breathe mist or vapours. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. Response: P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P342 + P311 If experiencing respiratory symptoms: Call a

#### Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues

#### **Additional Labelling**

"As from 24 August 2023 adequate training is required before industrial or professional use."

POISON CENTER/ doctor.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9 Not Assigned	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit Resp. Sens. 1; H334 >= 0,1 % specific concentration limit Skin Irrit. 2; H315 >= 5 %	>=80

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

-		
	General advice	: Move out of dangerous area.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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	Consult a physician. Show this safety data sheet to the	e doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significa	ant exposure.
In case of skin contact	: Take off contaminated clothing a Wash off with soap and plenty of If symptoms persist, call a physic	water.
In case of eye contact	: Immediately flush eye(s) with ple Remove contact lenses. Keep eye wide open while rinsing If eye irritation persists, consult a	g.
If swallowed	: Do not induce vomiting without m Rinse mouth with water. Do not give milk or alcoholic beve Never give anything by mouth to	erages.
Most important symptoms	and effects, both acute and delayed	
Symptoms	: Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache Dermatitis See Section 11 for more detailed and symptoms.	information on health effects
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin reaction Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma syn ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs thr exposure if inhaled.	nptoms or breathing difficul-

Treatment : Treat symptomatically.



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## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.
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#### 5.2 Special hazards arising from the substance or mixture

· · · · ·	No hazardous combustion products are known
ucts	

#### 5.3 Advice for firefighters

•	ecial protective equipment firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Fur	rther information	:	Standard procedure for chemical fires.

#### **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures Personal precautions Use personal protective equipment. Deny access to unprotected persons. 6.2 Environmental precautions Environmental precautions Do not flush into surface water or sanitary sewer system.

# respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

If the product contaminates rivers and lakes or drains inform

#### 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling	:	Avoid formation of aerosol.
		Avoid exceeding the given occupational exposure limits (see
		section 8).
		Do not get in eyes, on skin, or on clothing.
		For personal protection see section 8.

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		Persons with a history of skin sensitisation ma, allergies, chronic or recurrent respir not be employed in any process in which used. Smoking, eating and drinking should be plication area. Provide sufficient air exchange and/or ex Follow standard hygiene measures whe products	atory disease should in this mixture is being prohibited in the ap- xhaust in work rooms.
Advice on protection against fire and explosion	:	Normal measures for preventive fire pro-	tection.
Hygiene measures	:	Handle in accordance with good industri practice. When using do not eat or drink smoke. Wash hands before breaks and	. When using do not
7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry an place. Containers which are opened mu sealed and kept upright to prevent leaka ance with local regulations.	st be carefully re-
Further information on stor- age stability	:	No decomposition if stored and applied a	as directed.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents mus Consult most current local Product Data use.	

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	TWA	0,005 ppm	FOR-2011-12- 06-1358
	Further information: Substances considered to evoke allergies when coming into touch with the eyes or airways or evoking aller- gies after coming into contact with the skin			
		STEL	0,01 ppm	FOR-2011-12- 06-1358



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\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

## 8.2 Exposure controls

#### Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipme	nt	
Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment indicates this is necessary. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used. Ensure adequate ventilation, especially in confined areas.

#### Environmental exposure controls

General advice	: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform
	respective authorities.



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## **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Information on basic physica	l an	d chemical properties
Physical state Colour	:	liquid light brown
Odour	:	very faint
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Uppor/lower flommobility or	0.YP	Josivo limito
Upper/lower flammability or Upper explosion limit / Up-	-	
per flammability limit	•	NO GALA AVAIIADIE
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 200 °C Method: closed cup
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	Not applicable
Viscosity		ca. 200 mPa.s (25 °C)
Viscosity, dynamic	•	ca. 200 IIIFa.s (25°C)
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies)		
Water solubility	:	insoluble



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octanol/water		
Vapour pressure	: 0,01 hPa	
Density	: ca. 1,2 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
<b>9.2 Other information</b> No data available		
SECTION 10: Stability and r	eactivity	
10.1 Reactivity	un under conditions of normal use	
-	vn under conditions of normal use.	
<b>10.2 Chemical stability</b> The product is chemically st	able	
10.3 Possibility of hazardous r		
Hazardous reactions	: No hazards to be specially mentioned.	
10.4 Conditions to avoid		
Conditions to avoid	: No data available	
10.5 Incompatible materials		
Materials to avoid	: No data available	
10.6 Hazardous decomposition	a products	
No decomposition if stored	and applied as directed.	
SECTION 11: Toxicological	information	
11.1 Information on borard ala	acces as defined in Regulation (EC) No 1272/2	000
	sses as defined in Regulation (EC) No 1272/2	000
Acute toxicity		
Harmful if inhaled.		

#### **Components:**

Diphenylmethanediisocyanate, isomeres and homologues:

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Acute oral toxicity	: LD50 Oral (Rat): > 10.000 mg/kg	
Acute inhalation toxicity	: LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture short term inhalation.	is moderately toxic after
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 9.400 mg/kg	3
Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye in	ritation	
Causes serious eye irritation		
Respiratory or skin sensit	sation	
Skin sensitisation May cause an allergic skin r Respiratory sensitisation May cause allergy or asthm	eaction. I symptoms or breathing difficulties if inhaled	d.
Germ cell mutagenicity Not classified based on ava	able information.	
Carcinogenicity Suspected of causing cance	r.	
<b>Reproductive toxicity</b> Not classified based on ava	able information.	
<b>STOT - single exposure</b> May cause respiratory irritat	on.	
STOT - repeated exposure May cause damage to organ	s through prolonged or repeated exposure i	if inhaled.
Aspiration toxicity Not classified based on ava	able information.	
11.2 Information on other haza	ds	
Endocrine disrupting prop	erties	
Product:		
Assessment	: The substance/mixture does not conta ered to have endocrine disrupting pro REACH Article 57(f) or Commission E (EU) 2017/2100 or Commission Regu	perties according to Delegated regulation

levels of 0.1% or higher.



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## **SECTION 12: Ecological information**

#### 12.1 Toxicity

Components:

#### Diphenylmethanediisocyanate, isomeres and homologues:

Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 1.640 mg/l Exposure time: 72 h

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

#### 12.6 Endocrine disrupting properties

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### 12.7 Other adverse effects

#### Product:

Additional ecological infor- : There is no data available for this product. mation



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# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.	ł
Waste Code	: 7121	
European Waste Catalogue	08 05 01* waste isocyanates	
Contaminated packaging	15 01 10* packaging containing residues of or contaminated by dangerous substances	

# **SECTION 14: Transport information**

#### 14.1 UN number or ID number

ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.4 Packing group		
ADR	:	Not regulated as a dangerous good

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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IMDG	: Not regulated as	a dangerous good	
IATA (Cargo)	-	a dangerous good	
IATA (Passenger)	-	a dangerous good	
<b>14.5 Environmental hazards</b> Not regulated as a dangero	-		
<b>4.6 Special precautions for u</b> Not applicable	-		
14.7 Maritime transport in bulk Not applicable for product a	-	truments	
SECTION 15: Regulatory in	formation		
5.1 Safety, health and environ International Chemical Wea Schedules of Toxic Chemic	pons Convention (CWC		
REACH Information:	<ul> <li>registered by o</li> <li>registered by u</li> </ul>	the regulation, and/or	
REACH - Restrictions on th the market and use of certa mixtures and articles (Anne	in dangerous substance		restriction for the fol- should be considered: t 3
		Banned and/c	or restricted
REACH - Candidate List of Concern for Authorisation (		yh : None of the co (=> 0.1 %).	omponents are listed
REACH - List of substances (Annex XIV)	s subject to authorisatio	n : Not applicable	9

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Regulation (EU) No 649/2012 ment and the Council concerni of dangerous chemicals		ble
Seveso III: Directive 2012/18/E jor-accident hazards involving	U of the European Parliament and of the C dangerous substances. Not applicable	ouncil on the control of ma-
Volatile organic compounds	: Law on the incentive tax for volatile org (VOCV) no VOC duties	anic compounds
	Directive 2010/75/EU of 24 November 2 livestock rearing emissions (integrated and control) Not applicable	
Product registration number	: 67590	

#### Other regulations:

Young people under the age of 18 are not allowed to use or be exposed to the product professionally. Young people above the age of 15 are, however, except from this rule if the product is a necessary part of their education.

#### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## **SECTION 16: Other information**

#### Full text of H-Statements

	H315 H317 H319 H332 H334	: : : : : : : : : : : : : : : : : : : :	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficul-	
	H335 H351 H373	:	ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.	
Full text of other abbreviations				
	Acute Tox. Carc. Eye Irrit. Resp. Sens.	::	Acute toxicity Carcinogenicity Eye irritation Respiratory sensitisation	

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Skin Irrit. Skin Sens. STOT RE STOT SE FOR-2011-12-06-1358 FOR-2011-12-06-1358 / TWA FOR-2011-12-06-1358 /		Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure Norway. Occupational Exposure limits Long term exposure limit Short term exposure limit
STEL		
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS		Chemical Abstracts Service
DNEL	:	Derived no-effect level
EC50	÷	Half maximal effective concentration
GHS	:	Globally Harmonized System
ΙΑΤΑ	:	International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative

#### **Further information**

Classification of t	the mixture:	Classification procedure:
Acute Tox. 4	H332	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
Carc. 2	H351	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 2	H373	Calculation method

# SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878 SikaTransfloor®-352 Rapid Part B



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The information contained in this Safety Data Sheet 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 product data sheet prior to any use and processing.

Changes as compared to previous version !

NO / EN