

Revision Date: 05.05.2025 Date of last issue: 03.03.2025 Version 3.2

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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, Special 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 responsible for the SDS	:	kundeservice@no.sika.com

#### **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)						
Skin irritation, Category 2	H315: Causes skin irritation.					
Eye irritation, Category 2	H319: Causes serious eye irritation.					
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.					
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.					

#### 2.2 Label elements

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

Hazard pictograms	:		<b>E</b>
Signal word	:	Warning	
Hazard statements	:	H315 H317	Causes skin irritation. May cause an allergic skin reaction.

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		Causes serious eye irritation. Toxic to aquatic life with long lasting	g effects.
Precautionary statements :	Prevention:		
-	P261	Avoid breathing mist or vapour	rs.
	P264	Wash skin thoroughly after handling.	
	P273	Avoid release to the environme	
	P280	Wear protective gloves/ eye pr protection.	rotection/ face
	Response:		
	P333 + P313	If skin irritation or rash occurs: advice/ attention.	Get medical
	P391	Collect spillage.	

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

bis-[4-(2,3-epoxipropoxi)phenyl]propane Reaction mass of isomers of epoxy resin BFDGE

#### 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)
bis-[4-(2,3- epoxipropoxi)phenyl]propane	1675-54-3 216-823-5 01-2119456619-26- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit Skin Irrit. 2; H315 >= 5 %	>=80
Reaction mass of isomers of epoxy resin BFDGE	Not Assigned 701-263-0 01-2119454392-40- XXXX	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411	>= 5 - < 10
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38- XXXX	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Acute toxicity esti- mate	>= 5 - < 10
For evaluation of obbraviations		Acute oral toxicity: 1.200 mg/kg	

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. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.



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In case of skin contact :	Take off contaminated clothing and shoes imn Wash off with soap and plenty of water. If symptoms persist, call a physician.	nediately.			
In case of eye contact :	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.				
If swallowed :	Do not induce vomiting without medical advice Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscio				
4.2 Most important symptoms and e	effects, both acute and delayed				
Symptoms :	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information of and symptoms.	on health effects			
Risks :	irritant effects sensitising effects				
	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.				
4.3 Indication of any immediate me	dical attention and special treatment needed				
Treatment :	Treat symptomatically.				
SECTION 5: Firefighting measures					
5.1 Extinguishing media					
Suitable extinguishing media :	In case of fire, use water/water spray/water jet ide/sand/foam/alcohol resistant foam/chemica extinction.				
5.2 Special hazards arising from the	a substance or mixture				
Specific hazards during fire- : fighting	Do not allow run-off from fire fighting to enter a courses.	drains or water			
Hazardous combustion prod- : ucts	No hazardous combustion products are knowr	1			

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5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathin	g apparatus.
Further information	:	Collect contaminated fire extinguishing water se must not be discharged into drains. Fire residues and contaminated fire extinguishir be disposed of in accordance with local regulation	g water must

#### **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. If the product contaminates rivers and lakes or drains inform
		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.

#### 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	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> </ul>
	Follow standard hygiene measures when handling chemical products

Advice on protection against : Normal measures for preventive fire protection.



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fire and explosion			
Hygiene measures	:	Handle in accordance with good industria practice. When using do not eat or drink. smoke. Wash hands before breaks and a	When using do not
7.2 Conditions for safe storage,	inc	uding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and place. Containers which are opened must sealed and kept upright to prevent leakage ance with local regulations.	st be carefully re-
Further information on stor- age stability	:	No decomposition if stored and applied a	is directed.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data use.	Sheet prior to any

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

#### 8.1 Control parameters

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#### **Occupational Exposure Limits**

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

#### Engineering measures

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

#### Personal protective equipment

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 additionaly recommended for mixing

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

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	and stirring work.		
Respiratory protection :	No special measures required.		
Environmental exposure control	ols		
General advice :	Do not flush into surface water or sanitary sewer If the product contaminates rivers and lakes or dr respective authorities.		

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

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

		• •
Physical state Colour	:	liquid transparent
Odour	:	epoxy-like
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or o	exp	losive limits
•••		
Upper explosion limit / Up- per flammability limit	:	No data available
		No data available No data available
per flammability limit		No data available
per flammability limit Lower explosion limit / Lower flammability limit	:	No data available > 101 °C Method: closed cup

pH : Not applicable substance/mixture is non-soluble (in water)

#### Viscosity

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

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Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 0,07 hPa	
Density	: ca. 1,16 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

#### 9.2 Other information

No data available

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

#### 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 products**

No decomposition if stored and applied as directed.



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## **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Not classified due to lack of data.

#### **Components:**

bis-[4-(2,3-epoxipropoxi)phenyl]propane:				
Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg		
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg		
benzyl alcohol:				
Acute oral toxicity	:	Acute toxicity estimate: 1.200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008		
		LD50 Oral (Rat): 1.200 mg/kg		
Acute inhalation toxicity	:	LC50 (Rat): > 4,178 mg/l Exposure time: 4 h Test atmosphere: dust/mist		
Skin corrosion/irritation Causes skin irritation.				
Serious eye damage/eye ir	ritati	on		
Causes serious eye irritation.				
Respiratory or skin sensiti	satio	on		
<b>Skin sensitisation</b> May cause an allergic skin re	eactio	on.		
<b>Respiratory sensitisation</b> Not classified due to lack of	data.			
Germ cell mutagenicity				
Not classified due to lack of	data.			
Carcinogenicity				
Not classified due to lack of	data.			
Reproductive toxicity	•			
Not classified due to lack of	data.			
STOT - single exposure	dat-			
Not classified due to lack of	uata.			



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#### STOT - repeated exposure

Not classified due to lack of data.

#### Aspiration toxicity

Not classified due to lack of data.

#### 11.2 Information on other hazards

#### 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.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### Components:

#### bis-[4-(2,3-epoxipropoxi)phenyl]propane:

bis-[4-(2,3-epoxipropoxi)prie	пу	ilpropane:
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 1,8 mg/l Exposure time: 48 h
Reaction mass of isomers of	f ej	poxy resin BFDGE:
Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 2,54 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 2,55 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (algae): 1,8 mg/l Exposure time: 72 h
benzyl alcohol:		

# Toxicity to fish:LC50 (Fish): > 100 mg/l<br/>Exposure time: 96 hToxicity to daphnia and other<br/>aquatic invertebrates:EC50 (Daphnia magna (Water flea)): > 100 mg/l<br/>Exposure time: 48 h



Revision Date: 05.05.2025 Version 3.2 Print Date 05.05.2025 Date of last issue: 03.03.2025 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: The substance/mixture does not contain components consid-Assessment ered 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-An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. mation Toxic to aquatic life with long lasting effects. **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.

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

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Waste Code	: 7051	
European Waste Catalogue	: 08 01 11* waste paint and varnish containi vents or other dangerous substances	ng organic sol-
Contaminated packaging	: 15 01 10* packaging containing residues of by dangerous substances	or contaminated

## **SECTION 14: Transport information**

14.1 UN number or ID number			
ADR	:	UN 3082	
IMDG	:	UN 3082	
ΙΑΤΑ	:	UN 3082	
14.2 UN proper shipping name			
ADR	:	ENVIRONMENTALL N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, LIQUID,
IMDG	:	ENVIRONMENTALL N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, LIQUID,
ΙΑΤΑ	:	Environmentally haza (epoxy resin)	ardous substance, liquid, n.o.s.
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	
14.4 Packing group			
<b>ADR</b> Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code		III M6 90 9 (-)	
IMDG Packing group Labels EmS Code IATA (Cargo)	: : :	III 9 F-A, S-F	

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Packing instruction (cargo aircraft)	: 964		
Packing instruction (LQ)	: Y964		
Packing group	: 111		
Labels	: Miscellaneous		
IATA (Passenger)			
Packing instruction (passen- ger aircraft)	: 964		
Packing instruction (LQ)	: Y964		
Packing group	: 111		
Labels	: Miscellaneous		
14.5 Environmental hazards			
ADR			
Environmentally hazardous	: yes		
IMDG			
Marine pollutant	: yes		
·	. ,		
IATA (Passenger) Environmentally hazardous	: yes		
IATA (Cargo)			
Environmentally hazardous	: yes		

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors

**REACH** Information:

All substances contained in our Products are

- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

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

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			Number on list 75
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the components are listed (=> 0.1 %).
REACH - List of substances subj (Annex XIV)	ect to authorisation :	:	Not applicable
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de-	:	Not applicable
Regulation (EU) 2019/1021 on pe tants (recast)	ersistent organic pollu- :	:	Not applicable
Regulation (EU) No 649/2012 of t ment and the Council concerning of dangerous chemicals		:	Not applicable
Seveso III: Directive 2012/18/EU jor-accident hazards involving da E2			t and of the Council on the control of ma- RDS
Volatile organic compounds :	(VOCV) Volatile organic compour Directive 2010/75/EU of livestock rearing emissio and control)	inc 24 ons	or volatile organic compounds ds (VOC) content: 7,39% w/w 4 November 2010 on industrial and s (integrated pollution prevention ds (VOC) content: 7,98% w/w

#### Other regulations:

Note the Working Environment Act § 4-1 and § 4-2 on requirements for the employer to protect pregnant employees against discomfort and injury as a result of the work situation and the working environment.

Note the regulation on organization, leadership and participation, chapter 12 on the work of children and young people.

#### 15.2 Chemical safety assessment

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





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## **SECTION 16: Other information**

Full text of H-Statements		
H302	:	Harmful if swallowed.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H319	:	Causes serious eye irritation.
H411	:	Toxic to aquatic life with long lasting effects.
Full text of other abbreviatio	ns	
Acute Tox.	:	Acute toxicity
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Irrit.	:	Eye irritation
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
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
IATA	:	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
2000	•	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
	·	very persistent and very bloaceunitilative

#### **Further information**

Classification of the	e mixture:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 2	H411	Calculation method

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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