

Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021
--------------------------	-------------	-----------------------

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

1.1 Product identifier	
------------------------	--

Trade name

: Sikagard 550 Elastic Primer

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

Product use : Primer

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

Company name of supplier	: Sika South Africa (Pty) Ltd 9 Hocking Place
	Westmead
	3608 Pinetown
	South Africa
Telephone	: +27 (0)31 792 6500
Telefax	: +27 (0)31 700 1760
E-mail address of person	: headoffice@za.sika.com
responsible for the SDS	

: Mixture

### 1.4 Emergency telephone number

+27 82 490 9409

# **SECTION 2: Hazards identification**

Type of product

### 2.1 Classification of the substance or mixture

### **Classification (SANS 10234)**

Flammable liquids, Category 3 Specific target organ toxicity - single exposure, Category 3, Central nervous system Specific target organ toxicity - single exposure, Category 3, Respiratory system Specific target organ toxicity - repeated exposure, Category 2, Central nervous system Aspiration hazard, Category 1

Long-term (chronic) aquatic hazard, Category 2

### 2.2 Label elements

### Labelling (SANS 10234)

H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

H335: May cause respiratory irritation.

H373: May cause damage to organs through prolonged or repeated exposure if inhaled.

H304: May be fatal if swallowed and enters airways.

H411: Toxic to aquatic life with long lasting effects.



Revision Date 20.01.2021		Version ?	I.0 Print Date 21.01.2021
Hazard pictograms	:		
Signal word	:	Danger	• • •
Hazard statements	:	H226 H304 H335 H336 H373 H411	Flammable liquid and vapour. May be fatal if swallowed and enters air- ways. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs (Central nervous system) through prolonged or re- peated exposure if inhaled. Toxic to aquatic life with long lasting effects.
Supplemental Hazard Statements	:	EUH066	Repeated exposure may cause skin dry- ness or cracking.
Precautionary statements	:	Prevention:         P210         P260         P273         Response:         P301 + P310         P331         P370 + P378         P391	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe dust/ fume/ gas/ mist/ va- pours/ spray. Avoid release to the environment. IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Do NOT induce vomiting. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Collect spillage.

Hazardous components which must be listed on the label:

Hydrocarbons, C9, aromatics

solvent naphtha (petroleum), medium aliph.; Straight run kerosine

### 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.

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

# 3.2 Mixtures

# Hazardous components

Chemical name CAS-No. Classification Concentration
--



Revision Date 20.01.2021Version 1.0Print Date 21.01.2021	Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021
--	--------------------------	-------------	-----------------------

	EC-No. Registration number	(SANS 10234)	(% w/w)
Hydrocarbons, C9, aromatics	Not Assigned 265-199-0 01-2119455851-35- XXXX [correspond- ing group CAS 64742-95-6]	Flam. Liq.3; H226 STOT SE3; H336 STOT SE3; H335 Asp. Tox.1; H304 Aquatic Chronic2; H411	>= 60 - < 80
1-methoxy-2-propanol Contains: 2-methoxypropanol <= 0,3 %	107-98-2 203-539-1 01-2119457435-35- XXXX	Flam. Liq.3; H226 STOT SE3; H336	>= 5 - < 10
solvent naphtha (petroleum), medium aliph.; Straight run kerosine	64742-88-7 265-191-7 01-2119537181-47- XXXX	Flam. Liq.3; H226 STOT RE1; H372 Asp. Tox.1; H304	>= 1 - < 2,5

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.
	In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
	In case of eye contact	:	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 unconscious person.
4.2	Most important symptoms and	e	ifects, both acute and delayed
	Symptoms :	:	Aspiration may cause pulmonary oedema and pneumonitis. Cough



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021
	Respiratory disorder Erythema Loss of balance Vertigo See Section 11 for more detai and symptoms.	iled information on health effects
Risks	<ul> <li>Risk of serious damage to the irritant effects</li> <li>May be fatal if swallowed and May cause respiratory irritatio</li> <li>May cause drowsiness or dizz</li> <li>May cause damage to organs</li> <li>exposure if inhaled.</li> <li>Repeated exposure may cause</li> </ul>	enters airways. n. ziness. through prolonged or repeated
4.3 Indication of any immediate n Treatment	nedical attention and special tre : Treat symptomatically.	eatment needed
SECTION 5: Firefighting meas	sures	
5.1 Extinguishing media		
Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	
Unsuitable extinguishing media	: Water	
5.2 Special hazards arising from Specific hazards during fire- fighting	: Do not allow run-off from fire f courses.	ighting to enter drains or water
Hazardous combustion prod- ucts	: No hazardous combustion pro	oducts are known
5.3 Advice for firefighters Special protective equipment for firefighters	: In the event of fire, wear self-	contained breathing apparatus.
Further information	must not be discharged into d	nguishing water separately. This rains. ed fire extinguishing water must



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021

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

6.1 Personal precautions, protective	e equipment and emergency procedures	
Personal precautions :	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.	
6.2 Environmental precautions		
Environmental precautions :	Prevent product from entering drains. 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 :	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13).	

### 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>For personal protection see section 8.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Take precautionary measures against static discharge.</li> <li>Open drum carefully as content may be under pressure.</li> <li>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021

## 7.2 Conditions for safe storage, including any incompatibilities

	nents for storage	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.
Further i age stab	nformation on stor- ility	:	No decomposition if stored and applied as directed.
7.3 Specific	end use(s)		

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

#### 8.1 Control parameters

### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
1-methoxy-2- propanol	107-98-2	TWA	100 ppm 375 mg/m3	2000/39/EC
	Further inform skin, Indicativ		possibility of significant uptak	e through the
		STEL	150 ppm 568 mg/m3	2000/39/EC
		TWA OEL-RL	100 ppm 360 mg/m3	ZA OEL
	Further inform	nation: Absorption th	rough the skin, Recommende	ed Limit
		STEL OEL-RL	300 ppm 1.080 mg/m3	ZA OEL

### 8.2 Exposure controls

### Personal protective equipment

Eye 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



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021
	and protective boots are addition and stirring work.	aly recommended for mixing
Respiratory protection	<ul> <li>In case of inadequate ventilation Respirator selection must be bas exposure levels, the hazards of t ing limits of the selected respirat organic vapor filter (Type A) A1: &lt; 1000 ppm; A2: &lt; 5000 ppm Ensure adequate ventilation. Thi exhaust extraction or by general ods for determining inhalation ex ticular to the mixing / stirring area to keep the concentrations under limits then respiration protection</li> </ul>	sed on known or anticipated the product and the safe work- or. n; A3: < 10000 ppm s can be achieved by local ventilation. (EN 689 - Meth- cposure). This applies in par- a. In case this is not sufficent r the occupational exposure

)

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

### 9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	:	liquid colourless slight No data available
рН	:	No data available
Melting point/range / Freezing	:	No data available
point Boiling point/boiling range	:	No data available
Flash point	:	> 40 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	4,9996 hPa
Relative vapour density	:	No data available
Density	:	0,95 g/cm3 (20 °Cca.
Solubility(ies) Water solubility	:	No data available



Revision Date 20.01.2021		Version 1.0	Print Date 21.01.202
Solubility in other solvents	:	No data available	
Partition coefficient: n-	:	No data available	
octanol/water Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
Viscosity Viscosity, dynamic	:	No data available	
Viscosity, kinematic	:	No data available	
Explosive properties	:	No data available	
Oxidizing properties	:	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 recom	mended storage conditions.
	Vapours may form e	explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid	: Heat, flames and sparks.
---------------------	----------------------------

# 10.5 Incompatible materials

Materials to avoid : No data available

## **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021

## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

Components:	_	
Hydrocarbons, C9, aromatic Acute oral toxicity		LD50 Oral (Rat): > 2.000 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg
1-methoxy-2-propanol: Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
Acute inhalation toxicity	:	LC50: 7,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg

### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

### **Components:**

#### Hydrocarbons, C9, aromatics:

Assessment: Repeated exposure may cause skin dryness or cracking.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

### STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.



Print Date 21.01.2021

# Sikagard 550 Elastic Primer

Revision Date 20.01.2021

	cause damage to organs (Central nervous system) through prolonged or repeated exponential exponential of the system of the syste
Asp	iration toxicity
May	be fatal if swallowed and enters airways.

Version 1.0

<u>Components:</u> Hydrocarbons, C9, aromatics:	
Toxicity to algae :	(Pseudokirchneriella subcapitata (green algae)): 2,6 - 2,9 mg/l Exposure time: 72 h
1-methoxy-2-propanol:	
Toxicity to fish :	LC50 (Fish): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia (water flea)): > 100 mg/l Exposure time: 48 h
12.2 Persistence and degradability	
No data available	
<b>12.3 Bioaccumulative potential</b> No data available	
12.4 Mobility in soil	
No data available	
12.5 Results of PBT and vPvB asse	ssment
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 Other adverse effects	
Product:	
Endocrine disrupting poten- : tial	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.



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021
Additional ecological infor- mation	: An environmental hazard cann unprofessional handling or disp Toxic to aquatic life with long la	oosal.

## **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.
Contaminated packaging	•	15 01 10* packaging containing residues of or contaminated by dangerous substances

# **SECTION 14: Transport information**

### 14.1 UN number

ADR	:	UN 1866
IMDG	:	UN 1866
ΙΑΤΑ	:	UN 1866
14.2 UN proper shipping name		
ADR	:	<b>RESIN SOLUTION</b>
IMDG	:	<b>RESIN SOLUTION</b>
ΙΑΤΑ	:	Resin solution
14.3 Transport hazard class(es)		
ADR	:	3
IMDG	:	3
ΙΑΤΑ	:	3
14.4 Packing group		



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021

### ADR

Packing group	:	111
Classification Code	-	F1
Hazard Identification Number		30
Labels		3
Tunnel restriction code	:	(D/E)
IMDG		
Packing group	:	
Labels	:	3
EmS Code	:	F-E, S-E
IATA (Cargo)		
Packing instruction (cargo aircraft)	:	366
Packing instruction (LQ)	:	Y344
Packing group	:	III
Labels	:	Flammable Liquids
IATA (Passenger)		
Packing instruction (passen- ger aircraft)	:	355
Packing instruction (LQ)	:	Y344
Packing group	:	
Labels	:	Flammable Liquids
14.5 Environmental hazards		

### ADR

IATA (Cargo)		
IATA (Passenger) Environmentally hazardous	:	no
IMDG Marine pollutant	:	no
Environmentally hazardous	:	no

Environmentally hazardous : no

## 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 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

# **SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on : Conditions of restriction for the fol-Country ZA 10000036103 12/15



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021	
the market and use of certain dan preparations and articles (Annex 2		lowing entries should be considered: Number on list 3	
		benzene (Number on list 72, 5, 29, 28)	
Regulation (EC) No 649/2012 of t ment and the Council concerning of dangerous chemicals	•	Not applicable	
International Chemical Weapons Schedules of Toxic Chemicals an		Not applicable	
REACH - Candidate List of Subst Concern for Authorisation (Article REACH - List of substances subje	ances of Very High : 59).	None of the components are listed (=> 0.1 %). Not applicable	
(Annex XIV)			
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)		Not applicable Not applicable	
REACH Information:			
Seveso III: Directive 2012/18/EU major-accident hazards involving E2		t and of the Council on the control of	
P5c	FLAMMABLE LIQUIDS		
34 Volatile organic compounds :	Petroleum products: (a) gasolines and naphthas, (b) keroser (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazard as the products referred to in points (a) to (d) : Law on the incentive tax for volatile organic compounds		
_ ·	(VOCV) Volatile organic compoun Directive 2010/75/EU of 2 emissions (integrated poll	ds (VOC) content: 76,16 % 24 November 2010 on industrial lution prevention and control) ds (VOC) content: 76,16 %	

### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.



Revision Date 20.01.2021	Version 1.0	Print Date 21.01.2021

## 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	
H226 :	Flammable liquid and vapour.
	May be fatal if swallowed and enters airways.
	May cause respiratory irritation.
	May cause drowsiness or dizziness.
H372 :	Causes damage to organs through prolonged or repeated
	exposure.
H411 :	Toxic to aquatic life with long lasting effects.
Full text of other abbreviations	
Aquatic Chronic :	Long-term (chronic) aquatic hazard
Asp. Tox. :	Aspiration hazard
Flam. Liq. :	Flammable liquids
STOT RÉ :	Specific target organ toxicity - repeated exposure
STOT SE :	Specific target organ toxicity - single exposure
ADR :	
	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
	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
	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-
0.410	cals (REACH), establishing a European Chemicals Agency
	Substances of Very High Concern
vPvB :	Very persistent and very bioaccumulative
Classification of the mixture:	Classification procedure:

Flam. Liq. 3	H226	Based on product data or assessment



Revision Date 20.01.2021		Version 1.0	Print Date 21.01.2021
STOT SE 3	H336	Calcula	tion method
STOT SE 3	H335	Calcula	tion method
STOT RE 2	H373	Calcula	tion method
Asp. Tox. 1	H304	Calcula	tion method
Aquatic Chronic 2	H411	Calcula	tion method

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.

ZA / EN