

Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

Date of printing: 10.06.2005

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Revised: 02.08.2004

SDS No.: 060-00034821.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikagard-63 N Comp.A

Manufacturer/supplier information

Manufacturer/supplier: Sika South Africa (Pty) Ltd

Street/postbox: P.O. Box 15408

Town/City and Post Code: 3608 Pinetown

Country: South Africa

Phone: +27 31 792 65 00

Telefax: +27 31 700 17 60

General information:

Emergency information phone:
+27 31 792 65 00

* 2. Composition/information on ingredients

Chemical characterization

Modified epoxi resin

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EC No.

- Epoxy resin (mw < 700), novolac
28064-14-4 25 - 50 % Xi,N 36/38,43,51/53
- reaction product: bisphenol F-(epichlorhydrin) epoxy resin
(number average molecular weight <= 700)
9003-36-5 2.5 - 10 % Xi,N 36/38,43,51/53
500-006-8
- 1,1,1-tris(hydroxymethyl)propane triglycidyl ether
30499-70-8 10 - 25 % Xi 36/38,43,52/53
222-384-0
- Benzyl alcohol
100-51-6 2.5 - 10 % Xn 20/22
202-859-9
- Solvent naphtha (petroleum), light arom.
64742-95-6 0.1 - 1 % N,Xn 51/53,10,65,37,66,67
265-199-0

3. Hazards identification

Hazards identification

Xi Irritant

N Dangerous to the environment

Information on hazards to man and to the environment

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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4. First-aid measures

National regulations

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with soap and water

Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

Summon a doctor immediately.

After ingestion

Do not induce vomiting.

Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

compatible with all usual extinguishing media

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbondioxide (CO₂)

Nitrogen oxides (NO_x)

Additional information

Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

Do not allow to enter drains or waterways

In case of entry into waterways, soil or drains, inform the responsible authorities.

Procedures for cleaning up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

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6. Accidental release measures (continued)

When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection

Not applicable.

Storage

Requirements for storage rooms and containers

Keep container tightly closed and dry in a cool, well-ventilated place

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

Protect from frost.

Protect from heat and direct sunlight

Protect from atmospheric moisture and water

*** 8. Exposure controls/personal protection**

Personal protective equipment

General protective and hygiene measures

Take care for sufficient ventilation or exhaust on the workshop place.

Avoid contact with eyes and skin

Use barrier skin cream.

Remove soiled or soaked clothing immediately.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Respiratory protection

Not applicable.

Hand protection

Butyl rubber/nitrile rubber gloves

Eye protection

Tightly fitting safety glasses

Body protection

Working clothes

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9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: various
Odour: characteristic

Data relevant to safety

		Method
Flash point	115 °C	
Density at 20°C	1.52 g/cm ³	
Solubility in water	immiscible	
Viscosity at 20°C	4800 - 5300 mPas	
VOC (solvents)	0.58 %	
VOC (CH)	0.58 %	

10. Stability and reactivity

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

11. Toxicological information

Sensitization

Sensitization/allergic reaction possible.
Allergic reaction may be observed in sensitive persons, even on very low concentrations.

Experience on humans

When skin contact:
Irritation.
When eyes contact:
Irritation.
When inhalation:
Irritation.
When swallowed:
Small amount may cause considerable health disorders.

12. Ecological information

Additional information

Do not allow to enter waste water drain, waterways or soil.

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13. Disposal considerations

Packaging

Recommendations

Completely emptied packagings can be given for recycling.

Packaging containing remains of dangerous substances, as well as packagings disposed of remains can be unharmed eliminated in accordance with the regulations.

14. Transport information

ADR/RID

UN 3082 Class: 9 Packing group: III Class.code: M6
Proper shipping name
Environmentally hazardous substance, liquid, n.o.s.
contains: Epoxide resin
Label No.: 9

IMO/IMDG

UN 3082 Class: 9 Packing group: III
EmS: F-A, S-F
Marine pollutant: no
Proper shipping name
Environmentally hazardous substance, liquid, n.o.s.
contains: Epoxide resin
Label No.: 9

IATA/ICAO

UN 3082 Class: 9 Packing group: III
Proper shipping name
Environmentally hazardous substance, liquid, n.o.s.
contains: Epoxide resin
Label No.: 9

15. Regulatory information

Labelling according to EEC Directive

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Relevant hazardous ingredients for labelling

Contains: Epoxy resin (mw < 700), novolac
reaction product: bisphenol F-(epichlorhydrin) epoxy resin
(number average molecular weight <= 700)
1,1,1-tris(hydroxymethyl)propane triglycidyl ether

Danger symbols

Xi Irritant
N Dangerous to the environment

R phrases

36/38 Irritating to eyes and skin.
43 May cause sensitization by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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15. Regulatory information (continued)

S phrases

24 Avoid contact with skin.
37 Wear suitable gloves.

Special labelling for certain preparations

Contains epoxy-containing compounds.
Observe manufacturer's instructions.

*** 16. Other information**

asterisk (*) on left margin marks modification of previous version

Recommended use: Chemical product for construction and industry

R-phrases of the ingredients listed in chapter 2

10 Flammable.
20/22 Harmful by inhalation and if swallowed.
36/38 Irritating to eyes and skin.
37 Irritating to respiratory system.
43 May cause sensitization by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed
66 Repeated exposure may cause skin dryness or cracking
67 Vapours may cause drowsiness and dizziness

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 Technical Data Sheet prior to any use and processing.