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

1.1 Product identifier

   Trade name : Sikafloor®-262AS N (A)

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

   At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

   Product use : Epoxy coating.

1.3 Details of the supplier of the safety data sheet

   Company : Sika Limited
   Watchmead
   Welwyn Garden City
   Hertfordshire AL7 1BQ
   United Kingdom

   Telephone : +44 (0)1707 394444

1.4 Emergency telephone number

   Emergency telephone number : +44 (0)1707 363899 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

   Type of product : 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.
   Chronic aquatic toxicity , Category 2 H411: Toxic to aquatic life with long lasting effects.

   Classification (67/548/EEC, 1999/45/EC)

   Sensitising R43: May cause sensitisation by skin contact.
   Irritant R36/38: Irritating to eyes and skin.
   Dangerous for the environment R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms: 

- ! (Exclamation mark)
- ☭ (Sun with two rays)

Signal word: Warning

Hazard statements:
- 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.

Precautionary statements:
- Prevention:
  - P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
  - P273 Avoid release to the environment.
  - P280 Wear protective gloves/ eye protection/ face protection.
- Response:
  - P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
  - P337 + P313 If eye irritation persists: Get medical advice/ attention.
  - P391 Collect spillage.

Hazardous components which must be listed on the label:
- 500-033-5 reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700)
- 500-006-8 reaction product: bisphenol F-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)
- 221-453-2 p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Additional Labelling:
Contains epoxy constituents. May produce an allergic reaction.

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>500-033-5</td>
<td>reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight &lt;= 700)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>500-006-8</td>
<td>reaction product: bisphenol F-(epichlorhydrin) epoxy resin (number average molecular weight &lt;= 700)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>221-453-2</td>
<td>p-tert-butylphenyl 1-(2,3-epoxy)propyl ether</td>
<td></td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Sikafloor®-262AS N (A)

Revision Date 19.11.2014  Version 1.1  Print Date 19.11.2014

<table>
<thead>
<tr>
<th>Registration number</th>
<th>1272/2008)</th>
<th>Xi; R36/38 R43 N; R51/53</th>
<th>Eye Irrit.2; H319 Skin Irrit.2; H315 Skin Sens.1; H317 Aquatic Chronic2; H411</th>
<th>&gt;= 20 - &lt; 25</th>
</tr>
</thead>
<tbody>
<tr>
<td>reaction product: bisphenol-A- (epichlorhydrin) and epoxy resin (number average molecular weight &lt;= 700) 25068-38-6 500-033-5 01-2119456619-26-XXXX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>reaction product: bisphenol F- (epichlorhydrin) epoxy resin (number average molecular weight &lt;= 700) 9003-36-5 500-006-8 01-2119454392-40-XXXX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p-tert-butylphenyl 1-(2,3-epoxy)propyl ether 3101-60-8 221-453-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>benzyl alcohol 100-51-6 202-859-9 01-2119492630-38-XXXX</td>
<td></td>
<td>Xn; R20/22</td>
<td>Acute Tox.4; H302 Acute Tox.4; H332 Eye Irrit.2; H319</td>
<td>&gt;= 1 - &lt; 2,5</td>
</tr>
<tr>
<td>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) 64742-82-1 919-446-0 265-185-4 01-2119458049-33-XXXX</td>
<td></td>
<td>Xn; R65 R10 R66 R67 N; R51/53</td>
<td>Asp. Tox.1; H304 Flam. Liq.3; H226 STOT SE3; H336 Aquatic Chronic2; H411</td>
<td>&gt;= 0,25 - &lt; 1</td>
</tr>
<tr>
<td>dodec-1-ene 112-41-4 203-968-4</td>
<td></td>
<td>Xi; R38 Xn; R65 N; R51/53</td>
<td>Skin Irrit.2; H315 Asp. Tox.1; H304 Aquatic Chronic2; H411</td>
<td>&gt;= 0,25 - &lt; 1</td>
</tr>
</tbody>
</table>

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, 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:
- 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:
- Clean mouth with water and drink afterwards plenty of water.
- Do NOT induce vomiting.
- Do not give milk or alcoholic beverages.
- Never give anything by mouth to an unconscious person.
- Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:
- Allergic reactions
- Excessive lachrymation
- Erythema
- Dermatitis

See Section 11 for more detailed information on health effects and symptoms.

Risks:
- Irritant effects
- Sensitising effects

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting:
- Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for firefighters:
- In the event of fire, wear self-contained breathing apparatus.

Further information:
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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 materials 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:  Do not breathe vapours or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. 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. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

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

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.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:  Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accord-
ance with local regulations.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)
Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses with side-shields
Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
Suitable for short time use or protection against splashes:
Butyl rubber/nitrile rubber gloves (0.4 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 : No special measures required.

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.
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>various</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 101 °C</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>not applicable</td>
</tr>
<tr>
<td>Lower explosion limit (Vol%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosion limit (Vol%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/range / Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>ca.1.68 g/cm³ at 20 °C</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Note: insoluble</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>&gt; 20.5 mm²/s at 40 °C</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2 Other information
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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:
reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):
  Acute oral toxicity: LD50 Oral rat: > 5.000 mg/kg
  Acute dermal toxicity: LD50 Dermal rabbit: > 20.000 mg/kg

p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:
  Acute oral toxicity: LD50 Oral rat: > 5.000 mg/kg
  Acute inhalation toxicity: LC50 rat: 3.466 mg/l
    Exposure time: 4 h
  Acute dermal toxicity: LD50 Dermal rabbit: 6.000 mg/kg

benzyl alcohol:
  Acute oral toxicity: LD50 Oral rat: 1.230 mg/kg
Acute inhalation toxicity: LC50 rat: 4,178 mg/l
   Exposure time: 4 h
   Test atmosphere: dust/mist

Skin corrosion/irritation
   Product
   Causes skin irritation.

Serious eye damage/eye irritation
   Product
   Causes serious eye irritation.

Respiratory or skin sensitisation
   Product
   May cause an allergic skin reaction.

Germ cell mutagenicity
   Product
   Mutagenicity: No data available

Carcinogenicity
   Product
   Carcinogenicity: No data available

Reproductive Toxicity/Fertility
   Reproductive toxicity: No data available

No data available

Reproductive Toxicity/Development/Teratogenicity
   Teratogenicity: No data available

No data available

STOT - single exposure
   No data available

STOT - repeated exposure
   No data available

Aspiration toxicity
   No data available
SECTION 12: Ecological information

12.1 Toxicity
No data available

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 Other adverse effects
No data available

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.

**European Waste Catalogue:**
08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

**Contaminated packaging:**
15 01 10* packaging containing residues of or contaminated by dangerous substances
 SECTION 14: Transport information

ADR
14.1 UN number : 3082
14.2 Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
14.3 Class : 9
14.4 Packing group : III
Classification Code : M6
Labels : 9
Tunnel restriction code : (E)
14.5 Environmentally hazardous : yes

IATA
14.1 UN number : 3082
14.2 Description of the goods : Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)
14.3 Class : 9
14.4 Packing group : III
Labels : 9
14.5 Environmentally hazardous : yes

IMDG
14.1 UN number : 3082
14.2 Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
14.3 Class : 9
14.4 Packing group : III
Labels : 9
EmS Number 1 : F-A
EmS Number 2 : S-F
14.5 Marine pollutant : yes

14.6 Special precautions for user
No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to EC Directives (1999/45/EC)

Hazard pictograms:
- Irritant
- Dangerous for the environment

R-phrase(s):
- R36/38 Irritating to eyes and skin.
- R43 May cause sensitisation by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s):
- S24 Avoid contact with skin.
- S37 Wear suitable gloves.

Hazardous components which must be listed on the label:
- 500-033-5 reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700)
- 500-006-8 reaction product: bisphenol F-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)
- 221-453-2 p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Special labelling of certain mixtures:
Contains epoxy constituents. See information supplied by the manufacturer.

REACH Information:
All substances contained in our Products are
- preregistered or registered by our upstream suppliers, and/or
- preregistered or registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

VOC-CH (VOCV):
1,22 %
no VOC duties

VOC-EU (solvent):
3,89 %

Occupational Illnesses (R-461-3, France):
4 bis, 51, 84

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture:
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002
Control of Substances Hazardous to Health Regulations 2002
The Management of Health and Safety at Work Regulations 1999
Health and Safety at Work Act 1974
Environmental Protection Act 1990 & Subsidiary Regulations
15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Full text of R-Phrases

- R10 Flammable.
- R20/22 Harmful by inhalation and if swallowed.
- R36/38 Irritating to eyes and skin.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Full text of H-Statements

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

- Acute Tox. Acute toxicity
- Aquatic Chronic Chronic aquatic toxicity
- Asp. Tox. Aspiration hazard
- Eye Irrit. Eye irritation
- Flam. Liq. Flammable liquids
- Skin Irrit. Skin irritation
- Skin Sens. Skin sensitisation
- STOT SE Specific target organ toxicity - single exposure

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!