

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**Sikagard®-Wallcoat N Part A**



Revision Date 29.09.2014

Version 1.0

Print Date 29.09.2014

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

**1.1 Product identifier**

Trade name : Sikagard®-Wallcoat N Part 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)

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Type of product : Mixture

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

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

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

Not a hazardous substance or mixture.

**2.2 Label elements**

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

Hazard pictograms :

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

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Precautionary statements	: <b>Prevention:</b> P261  P272  P280 <b>Response:</b> P333 + P313  P363 <b>Disposal:</b> P501	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.  If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.  Dispose of contents/ container to an approved waste disposal plant.
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Hazardous components which must be listed on the label:

- 203-986-2                    3,6,9-triazaundecamethylenediamine
- 220-666-8                    3-aminomethyl-3,5,5-trimethylcyclohexylamine

**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**

Chemical Name CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
2-(2-butoxyethoxy)ethanol 112-34-5 203-961-6 01-2119475104-44-XXXX	Xi; R36	Eye Irrit.2; H319	>= 1 - < 2,5
3,6,9-triazaundecamethylenediamine 112-57-2 203-986-2 / 01-2119487290-37-0002	C; R34 Xn; R21/22 R43 N; R51/53	Acute Tox.4; H311 Acute Tox.4; H302 Skin Corr.1B; H314 Skin Sens.1; H317 Aquatic Chronic2; H411	>= 0,25 - < 1
3-aminomethyl-3,5,5-trimethylcyclohexylamine 2855-13-2 220-666-8 01-2119514687-32-XXXX	C; R34 Xn; R21/22 R43 R52-R53	Acute Tox.4; H302 Acute Tox.4; H312 Skin Corr.1C; H314 Skin Sens.1A; H317 Aquatic Chronic3; H412	>= 0,25 - < 1

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Remarks : WEL substance

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.

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## 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 : Clean mouth with water and drink afterwards plenty of water.  
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  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : sensitising effects

### 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

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## 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

- Hazardous combustion products : No hazardous combustion products are known



### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Standard procedure for chemical fires.
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## 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.

### 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.
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## 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

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- 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 accordance 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**

Components	CAS-No.	Value	Control parameters *	Basis *
2-(2-butoxyethoxy)ethanol	112-34-5	TWA	10 ppm 67,5 mg/m <sup>3</sup>	2006/15/EC
		STEL	15 ppm 101,2 mg/m <sup>3</sup>	2006/15/EC
		TWA	10 ppm 67,5 mg/m <sup>3</sup>	GB EH40
		STEL	15 ppm 101,2 mg/m <sup>3</sup>	GB EH40

**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,

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long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
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 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

**Environmental exposure controls**

General advice : Do not flush into surface water or sanitary sewer system.

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**SECTION 9: Physical and chemical properties**

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

Appearance : liquid  
Colour : various  
Odour : characteristic  
Odour Threshold : No data available  
Flash point : Note: not applicable  
Ignition temperature : not applicable  
Lower explosion limit (Vol%) : No data available  
Upper explosion limit (Vol%) : No data available  
Flammability (solid, gas) : No data available  
Oxidizing properties : No data available  
Auto-ignition temperature : No data available  
pH : Note: not applicable  
Melting point/range / Freezing point : No data available

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Boiling point/boiling range	:	No data available
Vapour pressure	:	No data available
Density	:	ca. 1,55 g/cm <sup>3</sup> at 20 °C
Water solubility	:	Note: insoluble
Partition coefficient: n-octanol/water	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 20,5 mm <sup>2</sup> /s at 40 °C
Relative vapour density	:	No data available
Evaporation rate	:	No data available

**9.2 Other information**

No data available

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**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**

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Components:**

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**2-(2-butoxyethoxy)ethanol :**

Acute oral toxicity : LD50 Oral rat: > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal rabbit: ca. 2.700 mg/kg

**3,6,9-triazaundecamethylenediamine :**

Acute oral toxicity : LD50 Oral rat: 1.716,2 mg/kg

Acute dermal toxicity : LD50 Dermal rat: 1.260 mg/kg

**3-aminomethyl-3,5,5-trimethylcyclohexylamine :**

Acute oral toxicity : LD50 Oral rat: 1.030 mg/kg

Acute dermal toxicity : Acute toxicity estimate : 1.100 mg/kg  
Method: Converted acute toxicity point estimate

**Skin corrosion/irritation**

**Product**

No data available

**Serious eye damage/eye irritation**

**Product**

No data available

**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**



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Teratogenicity : No data available

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

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**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**

**12.6 Other adverse effects**

No data available

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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.

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- European Waste Catalogue : 08 01 12 waste paint and varnish other than those mentioned in 08 01 11
- Contaminated packaging : 15 01 10\* packaging containing residues of or contaminated by dangerous substances

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**SECTION 14: Transport information**

**ADR**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**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

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**SECTION 15: Regulatory information**

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

- Special labelling of certain mixtures : Safety data sheet available for professional user on request.
- Sensitising components : 3,6,9-triazaundecamethylenediamine  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
May produce an allergic reaction.

**Prohibition/Restriction**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (= > 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : not applicable

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

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- exempted from the registration.

VOC-CH (VOCV) : 2,05 %  
no VOC duties

VOC-EU (solvent) : 2,06 %

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.

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## SECTION 16: Other information

### Full text of R-Phrases

R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52	Harmful to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.

### Full text of H-Statements

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	Acute toxicity
Aquatic Chronic	Chronic aquatic toxicity
Eye Irrit.	Eye irritation
Skin Corr.	Skin corrosion
Skin Sens.	Skin sensitisation

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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 any use and processing.



Changes as compared to previous version !