

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**SikaBond® MS Wood Floor Adhesive**



Revision Date 08.01.2018

Version 5.0

Print Date 09.01.2018

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

**1.1 Product identifier**

Trade name : SikaBond® MS Wood Floor Adhesive

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

**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.

**2.2 Label elements**

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

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317	May cause an allergic skin reaction.
Precautionary statements	:	P101 P102 Prevention: P261	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

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<b>P280</b>	Wear protective gloves.
<b>Response:</b>	
<b>P302 + P352</b>	IF ON SKIN: Wash with plenty of water.
<b>Disposal:</b>	
<b>P501</b>	Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

- 217-164-6 N-(3-(trimethoxysilyl)propyl)ethylenediamine
- 1065336-91-5 Pentamethyl piperidylsebacate

### 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. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Polypropylene glycol 25322-69-4 500-039-8	Acute Tox.4; H302	>= 10 - < 20
trimethoxyvinylsilane 2768-02-7 220-449-8 01-2119513215-52-XXXX Contains: tetramethyl orthosilicate <= 0,2 %	Flam. Liq.3; H226 Acute Tox.4; H332 STOT RE2; H373	>= 1 - < 2,5
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3 217-164-6 01-2119970215-39-XXXX Contains: 1,2-Ethanediamine, N,N-bis[3-(trimethoxysilyl)propyl]- >= 5 - <= 10 % N,N'-bis[3-(trimethoxysilyl)propyl]ethylenediamine >= 5 - <= 10 %	Acute Tox.4; H332 Eye Dam.1; H318 Skin Sens.1; H317	< 1
Pentamethyl piperidylsebacate 1065336-91-5 915-687-0 01-2119491304-40-XXXX Contains: bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0,1 - < 0,25

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 : 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 effects, both acute and delayed

- Symptoms : Allergic reactions  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : sensitising effects  
  
May cause an allergic skin reaction.

### 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 : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

### 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 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.
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**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. 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) : Consult most current local Product Data Sheet prior to any use.

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

**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**Occupational exposure limits of decomposition products**

Components	CAS-No.	Value	Control parameters	Basis *
methanol	67-56-1	TWA	200 ppm 266 mg/m <sup>3</sup>	GB EH40
		STEL	250 ppm 333 mg/m <sup>3</sup>	GB EH40

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**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 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.

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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.

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**SECTION 9: Physical and chemical properties**

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

Appearance : paste  
Colour : beige  
Odour : mild  
Odour Threshold : No data available  
Flash point : > 61 °C  
Autoignition temperature : No data available  
Decomposition temperature : No data available  
Lower explosion limit (Vol-%) : No data available  
Upper explosion limit (Vol-%) : No data available  
Flammability : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available  
pH : No data available  
Melting point/range / Freezing point : No data available  
Boiling point/boiling range : No data available  
Vapour pressure : 0,01 hPa  
Density : 1,6 g/cm<sup>3</sup>  
at 20 °C  
Water solubility : No data available

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Partition coefficient: n-octanol/water	:	No data available
Viscosity, dynamic	:	60.000 mPa.s at 20 °C
Viscosity, kinematic	:	>=20,5 mm2/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**

Hazardous decomposition products : methanol

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Not classified based on available information.

**Components:**

**trimethoxyvinylsilane:**

Acute oral toxicity : LD50 Oral (Rat): ca. 7.120 mg/kg

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Acute inhalation toxicity	: LC50: ca. 16,8 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	: LD50: 3.540 mg/kg
<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine:</b>	
Acute oral toxicity	: LD50 Oral (Rat): ca. 2.400 mg/kg
Acute inhalation toxicity	: LC50: 1,49 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	: LD50 Dermal (Rat): > 2.000 mg/kg
<b>Pentamethyl piperidylsebacate:</b>	
Acute oral toxicity	: LD50 Oral (Rat): 3.230 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Respiratory or skin sensitisation**

Skin sensitisation: May cause an allergic skin reaction.

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**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Components:**

**Pentamethyl piperidylsebacate :**



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Toxicity to fish : LC50: 0,97 mg/l, 96 h, Fish

### 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

**Product:**

Additional ecological information : There is no data available for this product.

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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.

Contaminated packaging : 15 01 10\* packaging containing residues of or contaminated by dangerous substances

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## SECTION 14: Transport information

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**14.1 UN number**

Not regulated as a dangerous good

**14.2 UN proper shipping name**

Not regulated as a dangerous good

**14.3 Transport hazard class(es)**

Not regulated as a dangerous good

**14.4 Packing group**

Not regulated as a dangerous good

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

No data available

**14.7 Transport in bulk according to Annex II of Marpol 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**

**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  
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

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VOC-CH (VOCV) : no VOC duties

VOC-EU (solvent) : 0,84 %

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: : Environmental Protection Act 1990 & Subsidiary Regulations  
Health and Safety at Work Act 1974 & Subsidiary Regulations  
Control of Substances Hazardous to Health Regulations (COSHH)  
May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

### 15.2 Chemical safety assessment

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

## SECTION 16: Other information

### Full text of H-Statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquids
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity - repeated exposure
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
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 dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)

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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
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 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	Substances of Very High Concern
vPvB	Very persistent and very bioaccumulative

### Classification of the mixture:

Skin Sens. 1                      H317

### Classification procedure:

Calculation 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.

|| Changes as compared to previous version !