

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SIKBD542W  
**Product Name** SikaBond 542W +  
**Product Description** One component water based adhesive for wood flooring  
**Manufacturer/Supplier** Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
Fax. 01707 329129

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients ( Europe )

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
N-Methyl-2-pyrrolidone	872-50-4	2.50% - 10.00%	Xi	R36/38

**3. HAZARD IDENTIFICATION**

**Main Hazards** Not classified as hazardous.

**4. FIRST AID MEASURES**

**Eye Contact** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention if soreness or redness persists.

**Skin Contact** Wash skin thoroughly with soap and water. If material proves difficult to remove, use suitable skin cleanser (not solvent). Contaminated clothing should be washed or dry-cleaned before re-use.

**Ingestion** Do not induce vomiting. Seek medical attention.

**Inhalation** Unlikely to occur. However provide symptomatic medical treatment if required.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media** Not combustible.  
Select extinguishing agent appropriate to other materials involved.

**Special Hazards of Product** Combustion will generate oxides of carbon and nitrogen

**Protective Equipment for Fire-Fighting** Wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

**7. HANDLING AND STORAGE**

<i>Handling</i>	Use in well ventilated area. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.
<i>Storage</i>	Storage area should be: cool. dry. Store in original containers. Protect from extremes of cold. Storage temperature should be controlled to between 5 and 25 °C.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits - GB**

N-Methyl-2-pyrrolidone	UK EH40: WEL 25 ppm (103mg/m <sup>3</sup> ) 8hr TWA UK EH40: WEL 75 ppm (309mg/m <sup>3</sup> ) 15 min STEL Can be absorbed through skin
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<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<i>Respiratory Protection</i>	Respiratory protection not normally required.
<i>Hand Protection</i>	Wear suitable impervious gloves. (butyl / nitrile type )
<i>Eye Protection</i>	Wear safety glasses if risks of accidental contamination are possible during application.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<i>Physical State</i>	Liquid.
<i>Color</i>	Beige.
<i>Odor</i>	Characteristic.
<i>pH</i>	Approx. 6.5
<i>Flash Point °C</i>	> 55
<i>Solubility - Water</i>	Emulsifies.
<i>Density (kg/m<sup>3</sup>)</i>	Approx. 1380 at 20 °C.
<i>Autoignition Temperature °C</i>	Approx. 270
<i>Viscosity (at 20°C)</i>	Mobile liquid.

**10. STABILITY AND REACTIVITY**

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Protect from frost
<i>Materials to avoid</i>	None under normal conditions.
<i>Hazardous Decomposition Products</i>	carbon oxides (CO, CO <sub>2</sub> ) nitrogen oxides (NO, NO <sub>2</sub> ...)

**11. TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	May cause slight transient irritation.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.

**12. ECOLOGICAL INFORMATION**

<i>Mobility</i>	Mobile liquid. Emulsifiable in water.
<i>Persistence/degradability</i>	The product is expected to be readily biodegradable.
<i>Ecotoxicity</i>	Maybe harmful to aquatic species

**13. DISPOSAL**

<i>Product Disposal</i>	Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty packaging should be removed by a licensed waste contractor.

**14. TRANSPORT INFORMATION**

<i>ADR/RID : Proper shipping name</i>	Not Regulated under ADR/RID
<i>IMDG : Proper shipping name</i>	Not Regulated under IMDG
<i>IATA : Proper shipping name</i>	Not Regulated under ICAO

**15. REGULATORY INFORMATION**

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	None assigned
<i>Contains</i>	glyoxal ... % May produce an allergic reaction.

**16. OTHER INFORMATION**

<i>First Issue Date</i>	10.01.2006
<i>Revisions Highlighted</i>	Future revisions will incorporate such information as is required but which is not available at this time.
<i>Uses and Restrictions</i>	Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.
<i>UK Legislation</i>	Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions. SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations SI 2002/2677: The Control of Substances Hazardous to Health Regulations SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE. COSHH essentials: HSG 123



## SAFETY DATA SHEET

### SikaBond 542W +

Date of issue - 10/01/2006.

SIKBD542W

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**Footnote**

The information contained in this SDS 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 use.