



SAFETY DATA SHEET

Bijlard Houtlijm 1KD4

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

1.1. Product identifier

Product name Bijlard Houtlijm 1KD4

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

Identified uses Adhesive. Sealants Industrial and Professional uses Timber industry

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Bijlard International
Platinastraat 141
2718 SR Zoetermeer
The Netherlands
Tel: +31 79 343 7538
Fax: +31 79 343 7539
info@bijlard.com

1.4. Emergency telephone number

Emergency telephone Monday - Friday (8.15am-4.45pm) +31 75 343 7538

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified
EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.

Precautionary statements P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/ attention.

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Supplementary precautionary statements P302+P352 IF ON SKIN: Wash with plenty of water.
P402+P404 Store in a dry place. Store in a closed container.
P501 Dispose of contents/ container in accordance with local regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments The data shown are in accordance with the latest EC Directives.

Ingredient notes This product does not contain any ingredients at a level which according to annex II of Reach require reporting in section 3 of the MSDS. No ingredients are present in this product which are assigned community workplace limits and hence require reporting in this section.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Consult a physician for specific advice.

Inhalation Move affected person to fresh air at once.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information Get medical attention promptly if symptoms occur after washing.

Inhalation No specific symptoms known.

Ingestion Stomach pain. Nausea, vomiting.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly. Immediately contact a specialist for the treatment of poisoning if ingested or inhaled in large quantities.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Stop flow of material to fire. Extinguish with foam, carbon dioxide, dry powder or water fog. Use dry powder, dry sand or dry earth to extinguish.

Unsuitable extinguishing media Water spray. Do not use water jet as an extinguisher, as this will spread the fire.

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5.2. Special hazards arising from the substance or mixture

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| Specific hazards | Does not decompose when used and stored as recommended. Containers can burst violently or explode when heated, due to excessive pressure build-up. |
| Hazardous combustion products | Does not decompose when used and stored as recommended. Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |

5.3. Advice for firefighters

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| Protective actions during firefighting | Move containers from fire area if it can be done without risk. Keep up-wind to avoid fumes. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses. No action shall be taken without appropriate training or involving any personal risk. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | No action shall be taken without appropriate training or involving any personal risk. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid water contacting spilled material or leaking containers. In case of spills, beware of slippery floors and surfaces. Avoid contact with eyes and prolonged skin contact. |
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For non-emergency personnel Evacuate all non-emergency personnel from the scene of the accident/spill

6.2. Environmental precautions

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| Environmental precautions | Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Collect and place in suitable waste disposal containers and seal securely. |
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6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Absorb spillage with non-combustible, absorbent material. Avoid the spillage or runoff entering drains, sewers or watercourses. For waste disposal, see Section 13. |
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6.4. Reference to other sections

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| Reference to other sections | Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Usage precautions | Wear protective clothing as described in Section 8 of this safety data sheet. Avoid spilling. Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. Avoid eating, drinking and smoking when using the product. Wash contaminated skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. |
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Advice on general occupational hygiene Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

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| Storage precautions | Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs. Only store in correctly labelled containers. Keep only in the original container. Store away from incompatible materials (see Section 10). |
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Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description Spilled substance increases risk of slipping. Keep only in the original container.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

Long-term exposure limit (8-hour TWA): WEL 0.2 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. Recommended protection index 6, measured breakthrough time >480 minutes Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station and safety shower. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. If ventilation is inadequate, suitable respiratory protection must be worn. In case of possible exposure to degradation products, use suitable respiratory protection. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Keep container tightly sealed when not in use. Avoid the spillage or runoff entering drains, sewers or watercourses. For waste disposal, see Section 13.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

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| Colour | White. |
| Odour | Characteristic. |
| Odour threshold | Not relevant. Not relevant. |
| pH | pH (concentrated solution): 2.5-3.2 |
| Melting point | Not determined. |
| Initial boiling point and range | No information available. |
| Flash point | > 100°C Not specified. |
| Evaporation rate | slow |
| Evaporation factor | Not determined. |
| Upper/lower flammability or explosive limits | Not relevant. : : Not relevant. |
| Vapour density | Not determined. |
| Bulk density | 1.1 g/cm ³ |
| Solubility(ies) | Not determined. Immiscible with water. |
| Partition coefficient | Not relevant. |
| Auto-ignition temperature | Not relevant. |
| Decomposition Temperature | Not determined. |
| Viscosity | 6000 - 8500 mPa s @ 23°C |
| <u>9.2. Other information</u> | |
| Other information | Not relevant. |
| Volatile organic compound | This product contains a maximum VOC content of 27.1 g/l. This product contains a maximum VOC content of 2.5 %. |

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid contact with water.

10.5. Incompatible materials

Materials to avoid Water, steam, water mixtures. Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). PAH (polycyclic aromatic hydrocarbons). Smoke Highly toxic gases/fumes

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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| Toxicological effects | Information given below for the mixture is based upon the results of the calculation method. Some of the information given is also taken from data given for the individual ingredients of the mixture. |
| Other health effects | None known |
| <u>Skin corrosion/irritation</u> | |
| Skin corrosion/irritation | Based on available data the classification criteria are not met. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Not available. |
| <u>Respiratory sensitisation</u> | |
| Respiratory sensitisation | Based on available data the classification criteria are not met. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. |
| Genotoxicity - in vivo | Based on available data the classification criteria are not met. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Based on available data the classification criteria are not met. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Based on available data the classification criteria are not met. |
| Reproductive toxicity - development | Based on available data the classification criteria are not met. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | Based on available data the classification criteria are not met. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Based on available data the classification criteria are not met. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | Not anticipated to present an aspiration hazard, based on chemical structure. |
| General information | No specific health hazards known. |
| Inhalation | The product is considered to be a low hazard under normal conditions of use. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | Prolonged and frequent contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking. |
| Eye contact | Irritation of eyes and mucous membranes. Repeated exposure may cause chronic eye irritation. |
| Acute and chronic health hazards | No specific health hazards known. |
| Route of entry | Skin and/or eye contact |

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SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity No specific data . The product should be prevented from entering the water courses

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not relevant.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. When handling waste, the safety precautions applying to handling of the product should be considered. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Wear protective clothing as described in Section 8 of this safety data sheet.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Incineration or landfill should only be considered when recycling is not feasible. Dispose of this material and its container to hazardous or special waste collection point. Empty containers or liners may retain some product residues and hence be potentially hazardous.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

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Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

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| National regulations | The Control of Substances Hazardous to Health Regulations 2002. (SI 2002 No 2677) as amended The Carriage of Dangerous Goods and use of Transportable Pressure Equipment Regulations 2009 as amended(SI 2009/1348) |
| EU legislation | Commission Regulation (EU) No 453/2010 of 20 May 2010 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). 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) (as amended). |
| Guidance | L131 Approved Classification and Labelling Guide (Sixth Edition) EH40/2005 Workplace exposure limits |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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| General information | Only trained personnel should use this material. |
| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Revision date | 18/09/2016 |
| Revision | 0 |
| SDS number | 21444 |
| SDS status | Approved. |
| Hazard statements in full | EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.