

Safety data sheet
according to 1907/2006/EC, Article 31



Printing date 14.05.2014

Version: 1 (GB)

Revision: 14.05.2014

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

1.1 Product identifierTrade name: **PU Warm-Wand Fassadendämmplatte****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the preparation: Insulating material**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Knauf Gips KG
Postfach 10
97343 Iphofen
Deutschland
Tel +49 (0)9323/31 - 0
Fax +49 (0)9323/31 - 277

Further information obtainable from:

Technical information service
Tel +49 (0)9001/31-2000 (see point 16)
E-mail Knauf-Direkt@Knauf.de

1.4 Emergency telephone number:

Hotline for symptoms of poisoning and embryonic toxicology, Berlin
Tel +49 (0)30-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.**Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Additional information:**

Safety data sheet available on request.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixtures**Description:**

A foamed polymer material incurred by the reaction of a diisocyanate with a polyol using a propellant. The diisocyanate is a material which reacts during the foaming, and in the final product it is no longer present in free form.

To our knowledge, SVHC are not in accordance with REACH corresponding to the Candidate List

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and Annex XIV, in a concentration of more than 0.1% available.

Dangerous components: Void

Additional information: For the wording of the listed risk phrases refer to section 16.

Remark: Materials with a threshold value for exposure in the workplace – see point 8.

SECTION 4: First aid measures**4.1 Description of first aid measures**

General information: No special measures required.

After inhalation:

Take affected persons into fresh air and keep at rest.

Seek medical treatment in case of complaints.

After skin contact: No special measures required.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and throat area with water.

Do not induce vomiting.

If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

ABC powder

Water spray

Carbon dioxide

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Soot

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Observe the safety directives (refer to sections 7 and 8).

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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Trade name: PU Warm-Wand Fassadendämmplatte**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Dust is produced during intensive processing of the product.

Ensure good ventilation / exhaustion at the workplace.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Dust can combine with air to form an explosive mixture.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

Protected from weather and on a plane surface.

Do not stack higher than 3 meters.

Information about storage in one common storage facility:

Do not store together with flammable substances or mixtures.

Further information about storage conditions:

Avoid direct contact with an open flame and strong heat sources to prevent the risk of ignition of the product.

7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 109-66-0 pentane (< 2%)**WEL Long-term value: 1800 mg/m³, 600 ppm**General dust:** 1.25 mg/m³ A (DE) 4 mg/m³ A (GB), 10 mg/m³ E (GB, DE)**Remark** A = alveolar fraction, E = inhalable fraction**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****General protective and hygienic measures:**

Be sure to clean skin thoroughly after work and before breaks.

Do not eat, drink, smoke or sniff while working.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.**Protection of hands:** Protective gloves recommended.**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Wear safety goggles with side protection if dust develops.**Body protection:** Protective work clothing

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Trade name: PU Warm-Wand Fassadendämmplatte**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Solid
Colour:	Yellow
Odour:	Product specific
Odour threshold:	Not determined.

pH-value: Not applicable.**Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

Flash point: Undetermined.**Flammability (solid, gaseous):** Not determined.**Ignition temperature:** > 400 °C**Decomposition temperature:** Not determined.**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product is not explosive. However, formation of explosive air/dust mixtures are possible.**Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure: Not applicable.**Density:** Not determined.**Relative density** Not determined.**Vapour density** Not applicable.**Evaporation rate** Not applicable.**Solubility in / Miscibility with****water:** Insoluble.**9.2 Other information** No further relevant information available.**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.**10.4 Conditions to avoid** Keep ignition sources away - Do not smoke.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** Thermal decomposition refer to 5.**Additional information:**

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See Section 13 for disposal information.

SECTION 11: Toxicological information**11.1 Information on toxicological effects** Not toxic.**Acute toxicity:****Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** Product dust can cause temporary mechanical eye irritation.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects in our experience and the information provided in us.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** Not biodegradable.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13 Waste treatment methods****Recommendation** Disposal must be made according to official regulations.**European waste catalogue**

17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information**14.1 UN-Number****ADR, IMDG, IATA**

Void

14.2 UN proper shipping name**ADR, IMDG, IATA**

Void

14.3 Transport hazard class(es)**ADR, IMDG, IATA****Class**

Void

14.4 Packing group**ADR, IMDG, IATA**

Void

14.5 Environmental hazards:

Not applicable.

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14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	-

SECTION 15: Regulatory information

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

National regulations:

Waterhazard class: Generally not hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Knauf Gips KG, Abteilung Nachhaltigkeit und REACH, 97343 Iphofen

Contact:

Technical information service (see point 1)

A call to Knauf Direkt will be charged at 0.39 € per minute. Callers, the telephone numbers of whom are not saved in the Knauf Gips KG address database, e.g. private property owners or non-customers, will pay 1.69 € per minute from the German network. Callers using mobile telephones will be charged according to the network provider and tariff.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)