

**Material safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 06.02.2015

Version number 1

Revision: 06.02.2015

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****· 1.1 Product identifier****· Trade name:** *WAKOL EM 140 Uncoupling fleece***· 1.2 Relevant identified uses of the substance or mixture and uses advised against***No further relevant information available.***· Application of the substance / the mixture** *Auxiliary***· 1.3 Details of the supplier of the safety data sheet****· Manufacturer/Supplier:***WAKOL GmbH**Bottenbacher Str. 30**66954 Pirmasens**thomas.wieland@wakol.de**+49 (0)6331 8001 144***· Informing department:** *Industrial Safety Department***· 1.4 Emergency telephone number:***During business hours: Industrial Safety Department; +49 (0) 6331 8001 144***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.***· Classification system:***The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

---

**· 2.2 Label elements****· Labelling according to Regulation (EC) No 1272/2008** *Void***· Hazard pictograms** *Void***· Signal word** *Void***· Hazard statements** *Void***· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:** *Not applicable.***· vPvB:** *Not applicable.***SECTION 3: Composition/information on ingredients****· 3.2 Chemical characterisation: Mixtures****· Description:** *Mixture of substances listed below with nonhazardous additions.***· Dangerous components:** *Void***· Additional information** *For the wording of the listed risk phrases refer to section 16.***SECTION 4: First aid measures****· 4.1 Description of first aid measures****· General information** *No special measures required.***· After inhalation** *Supply fresh air; consult doctor in case of complaints.***· After skin contact** *Generally the product does not irritate the skin.***· After eye contact** *Rinse opened eye for several minutes under running water.***· After swallowing** *If symptoms persist consult doctor.***· 4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.**(Contd. on page 2)*

**Material safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 06.02.2015

Version number 1

Revision: 06.02.2015

**Trade name: WAKOL EM 140 Uncoupling fleece**

(Contd. of page 1)

- **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** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **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**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

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

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.

(Contd. on page 3)

**Material safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 06.02.2015

Version number 1

Revision: 06.02.2015

**Trade name: WAKOL EM 140 Uncoupling fleece**· **Eye protection:** Not required.

(Contd. of page 2)

**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:****Form:** Solid**Colour:** Grey· **Smell:** Odourless· **Odour threshold:** Not determined.· **pH-value:** Not applicable.· **Change in condition****Boiling point/Boiling range:** Undetermined.· **Flash point:** Not applicable.· **Inflammability (solid, gaseous)** Not determined.· **Danger of explosion:** Product does not present an explosion hazard.· **Critical values for explosion:****Lower:** Not determined.**Upper:** Not determined.· **Steam pressure:** Not applicable.· **Density at 20 °C** 1,35 g/cm<sup>3</sup> (EN ISO 2811-1)· **Relative density** Not determined.· **Vapour density** Not applicable.· **Evaporation rate** Not applicable.· **Solubility in / Miscibility with****Water:** Insoluble.· **Partition coefficient (n-octanol/water):** Not determined.· **Viscosity:****dynamic:** Not applicable.**kinematic:** Not applicable.· **Solvent content:****Organic solvents:** 0,0 %**Water:** 0,0 %**VOC** 0,0 %

0,00 %

· **9.2 Other information** No further relevant information available.**SECTION 10: Stability and reactivity**· **10.1 Reactivity**· **10.2 Chemical stability**· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **10.3 Possibility of hazardous reactions** No dangerous reactions known.· **10.4 Conditions to avoid** No further relevant information available.· **10.5 Incompatible materials:** No further relevant information available.

(Contd. on page 4)

**Material safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 06.02.2015

Version number 1

Revision: 06.02.2015

**Trade name: WAKOL EM 140 Uncoupling fleece**

(Contd. of page 3)

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

· **11.1 Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitisation:** No sensitising effects known.

· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

**SECTION 12: Ecological information**

· **12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Not known to be hazardous to water.

Generally not hazardous for water

· **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**

· **13.1 Waste treatment methods**

· **Recommendation** Must be specially treated adhering to official regulations.

· **European waste catalogue**

17 00 00 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

17 06 00 insulation materials and asbestos-containing construction materials

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

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

· **14.1 UN-Number**

· **ADR, ADN, IMDG, IATA**

Void

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA**

Void

(Contd. on page 5)

**Material safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 06.02.2015

Version number 1

Revision: 06.02.2015

**Trade name: WAKOL EM 140 Uncoupling fleece**

(Contd. of page 4)

- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **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.
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** -

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Other regulations, limitations and prohibitive regulations**
- **GEV-Guideline/EMICODE: EC 1, "very low emission"**
- **VOC:**
- **VOC (EU) 0,0 g/l**
- **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 data specification sheet:** Industrial Safety Department.
- **Contact:** Dr. Thomas Wieland
- **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 Harmonised 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)  
 VOC: Volatile Organic Compounds (USA, EU)  
 MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)