

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.06.2007

Revision: 12.06.2007

## 1 Identification of substance

- **Product details**
- **Trade name:** *Buffalo Universal Adhesive*
- **Application of the substance / the preparation** *Adhesives*
- **Manufacturer/Supplier:**  
*WAKOL GmbH  
 Bottenbacher Str. 30  
 66954 Pirmasens  
 thomas.wieland@wakol.de*
*+49 (0)6331 8001 144*
- **Informing department:** *Industrial Safety Department*
- **Emergency information:**  
*During business hours: Industrial Safety Department; +49 (0) 6331 8001 144*

## 2 Hazards identification

- **Hazard designation:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment** *Not applicable.*
- **Classification system**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** *Adhesive*
- **Dangerous components:** *Void*

## 4 First aid measures

- **General information** *No special measures required.*
- **After skin contact** *Generally the product does not irritate the skin.*
- **After eye contact**  
*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*
- **After swallowing**  
*Rinse out mouth and then drink plenty of water.  
 If symptoms persist consult doctor.*

## 5 Fire fighting measures

- **Suitable extinguishing agents** *Use fire extinguishing methods suitable to surrounding conditions.*
- **Protective equipment:** *No special measures required.*

## 6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:**  
*Do not allow product to reach sewage system or any water course.*
- **Measures for cleaning/collecting:**  
*Pick up mechanically.  
 Dispose contaminated material as waste according to item 13.*

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· **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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:** Protect from frost.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**  
**84-69-5 diisobutyl phthalate**  
 OES Long-term value: 5 mg/m<sup>3</sup>
- **Additional information:** The lists valid during the making were used as basis.
- **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.
- **Eye protection:** Not required.

### 9 Physical and chemical properties:

- **General Information**
- Form:** Pasty
- Colour:** White
- Smell:** Characteristic
- **Change in condition**
- Melting point/Melting range:** 0°C
- Boiling point/Boiling range:** 100°C
- **Flash point:** Not applicable.
- **Self-inflammability:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Steam pressure at 20°C:** 23 mbar
- **Density at 20°C** 1.40 g/cm<sup>3</sup> (EN ISO 2811-1)
- **Solubility in / Miscibility with**
- Water:** Fully miscible.
- **pH-value at 20°C:** 7.8 (ISO 976)

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- **Viscosity:**  
*dynamic at 20°C:* 210000 mPas (ISO 2555)

**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of composition:** No dangerous decomposition products known.

**11 Toxicological information**

- **Acute toxicity:**
- **Primary irritant effect:**
  - *on the skin:* No irritant effect.
  - *on the eye:* No irritating effect.
- **Sensitization:** No sensitizing 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.

**12 Ecological information:**

- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**

- **Product:**
- **Recommendation** Must be specially treated adhering to official regulations.
- **European waste catalogue**  
08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)  
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary together with cleansing agents.

**14 Transport information**

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -

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- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Designation according to EC guidelines:**  
*The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.  
Observe the general safety regulations when handling chemicals.*
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**
- **GEV-Guidline/EMICODE:** EC 1, "very low emission"

**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

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