

**Safety data sheet**  
according to EU 453/2010

Printing date 18.03.2015

Version-No. 5

Revision: 28.10.2014

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**· **1.1. Product identifier**· Trade name / Article-No: KLEIBERIT **774.8**· **1.2. Relevant identified uses of the substance / mixture or uses advised against**

No further relevant information available.

· **Application of the substance / the mixture** Adhesives· **1.3. Details of the supplier of the safety data sheet**· **Manufacturer/Supplier:**

KLEBCHEMIE

M.G.Becker GmbH &amp; Co. KG

Max Becker Str. 4

D - 76356 Weingarten / Baden

Germany

· **Further information obtainable from:**

Telefon: +49-(0)7244-62-0

FAX: +49-(0)7244-700-0

KLEIBERIT Adhesives UK  
Max Becker Drive, Unit 3 Brunel Way  
Stephenson Ind.Est.  
Coalville  
Leicesters. LE67 3HF  
United Kingdom

Phone +44-1530-83 66 99

FAX +44-1530-83 66 77

uksales@kleiberit.com

· **1.4. Emergency telephone number:**

phone: +49-7244 62 486 / Language: English, German

available on workdays (Mo - Fr) 08:00 am to 04:00 pm (Central European Time- CET)

**SECTION 2: Hazards identification**· **2.1. Classification of the substance or mixture**· **Classification according to Regulation (EC) No 1272/2008 - GHS/CLP**

The product is not classified as hazardous to health or environment according to the CLP regulation.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC - DSD/DPD** Not applicable.· **2.2. Label elements**· **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. Mixtures**· **Description:** Resin mixture· **Dangerous components:**

CAS-No	Description	Index	R-phrases	Void	%
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**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.

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- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
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:** Seek medical treatment.
- **Information for 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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2. Special hazards arising from the substance or mixture** Ethanoic acid
- **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**  
Particular danger of slipping on leaked/spilled product.
- **6.2. Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3. Methods and material for containment and cleaning up:** Allow to solidify. Pick up mechanically.
- **6.4. Reference to other sections** No dangerous substances are released.

### SECTION 7: Handling and storage

- **Handling:**
- **7.1. Precautions for safe handling**  
Any unavoidable deposit of dust must be regularly removed.  
Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.  
Prevent formation of dust.
- **Information about fire - and explosion protection:**  
>> **Protect against electrostatic charges.** <<  
Dust can combine with air to form an explosive mixture.
- **7.2. Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special measures required.
- **Information about storage in one common storage facility:** Observe the national regulations.
- **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 facilities:** No further data; see item 7.
- **8.1. Control parameters**
- **Ingredients with limit 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.

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- **8.2. Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves
- **Eye protection:** Safety glasses

### SECTION 9: Physical and chemical properties

- **9.1. Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form: Solid
  - Colour: According to product specification
- **Odour:** Weak, characteristic
- **Change in condition**
  - Softening temperature / range: ca. 100 °C
- **Flash point:** Not applicable.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20 °C:** ca. 1.48 g/cm<sup>3</sup>
- **Solubility in / Miscibility with water:** Insoluble.
- **Organic solvents:** 0.0 %
- **9.2. Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1. Reactivity** see item 10.3
- **10.2. Chemical stability** Stable when stored and used properly.
- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **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.
- **10.6. Hazardous decomposition products:** No dangerous decomposition products known.
- **Additional information:**  
When hotmelt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover if the prescribed working temperature is exceeded over a longer period, harmful decomposition products can develop. Precautions should be taken to eliminate the vapours, e.g. by using a suitable ventilation system.  
Therefore measures for the elimination of the vapours have to be taken, e.g. by means of an appropriate ventilation/ exhaust device.

### 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.

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- **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.

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

### SECTION 12: Ecological information

- **12.1. Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2. Persistence and degradability** No further relevant information available.
- **Other information:** The product is difficultly 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

- **13.1. Waste treatment methods**
- **Recommendation**  
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **European waste catalogue**  
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations. Non contaminated packagings may be recycled.

### SECTION 14: Transport information

- **14.1. UN-Number** Void
- **14.2. UN proper shipping name** Void
- **14.3. Transport hazard class(es)**
- **ADR, IMDG**
- **Class** No dangerous good
- **IATA**
- **Class** Not classified as dangerous goods under IATA regulations
- **14.4. Packing group** 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.

### SECTION 15: Regulatory information

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
See position 2 - Hazards Identification
- **15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**Trade name / Article-No: KLEIBERIT 774.8***(Contd. of page 4)***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:** Safety & Environment

· **Contact:** Dr. Wolfgang Stüber

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

GB