



Material Safety Data Sheet According to 91/155 EEC

Printing date 18.07.2006

Reviewed on 18.07.2006

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name / Article-No:** KLEIBERIT *Hot Press Glue 871.0*
 - **Application of the substance / the preparation** Adhesives
- **Manufacturer/Supplier:**
KLEBCHEMIE
M.G.Becker GmbH & 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

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** urea-formaldehyde resin
- **Dangerous components:**

CAS NO.	Description	Index	R-phrases	%
50-00-0	formaldehyde			< 0,2%
	Carc. Cat. 3; T; R 23/24/25-34-40-43			

3 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.

4 First-aid measures

- **After inhalation:** Supply fresh air and to be sure call for a doctor.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **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.
Call a doctor immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Nitrogen oxides (NO_x)
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Avoid formation of dust.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.

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7 Handling and storage

- **Handling:**
 - **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
 - **Information about fire - and explosion protection:**
Dust can combine with air to form an explosive mixture.
- **Storage:**
 - **Requirements to be met by storerooms and receptacles:** Keep container tightly closed.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
 - **Additional information:** Carcinogen Cat. 3
- **Personal protective equipment:**
 - **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
 - **Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed.
 - **Protection of hands:** Protective gloves
 - **Material of gloves**
Chloroprene rubber - CR (0.5 mm)
PVC gloves (0.5 mm)
Synthetic rubber gloves
 - **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

- **General Information**
 - **Form:** Powder
 - **Colour:** White
 - **Odour:** Light
- **Change in condition**
 - **Melting point/Melting range:** Undetermined.
 - **Boiling point/Boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Ignition temperature:** 430°C
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** Not determined.
- **Solubility in / Miscibility with**
 - **water:** Dispersible.
- **pH-value at 20°C:** 6 ((50 %))
- **Organic solvents:** 0,0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with strong acids.

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- **Dangerous decomposition products:** Small quantities of formaldehyde may be formed

11 Toxicological information

- **Acute toxicity:**
 - **LD/LC50 values relevant for classification:**
- 50-00-0 formaldehyde**
- Oral LD50 >200 mg/kg (rat)
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

12 Ecological information

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

13 Disposal considerations

- **Recommendation**
- On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.
- **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. They may be recycled after thorough and proper cleaning.

14 Transport information

- **Land transport ADR/RID (cross-border)**
 - **ADR/RID class:** No dangerous good
- **Maritime transport IMDG:**
 - **IMDG Class:** No dangerous good
 - **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
 - **ICAO/IATA Class:** No dangerous good

15 Regulatory information

- **Labelling according to EU guidelines:**
- The substance is not subject to classification according to EU lists and other sources of literature known to us. Observe the general safety regulations when handling chemicals.
- **National regulations:**
 - **(D) Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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.

- **Relevant R-phrases**
- 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- 34 Causes burns.
- 40 Limited evidence of a carcinogenic effect.

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43 May cause sensitisation by skin contact.

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- **Department issuing MSDS:** Quality, Safety, Environment
- **Contact:** Dr. Wolfgang Stüber
- *** Data compared to the previous version altered.**

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