

| 1. Chemical product and company identification

Trade name: **bio-chem Heat Protection Paste**

Use of the preparation: Heat Protection Paste for welding, soldering, etc.



**CB Chemie und
Biotechnologie GmbH**
Berensweg 200, D-33334 Gütersloh
Phone: ++49 (0) 5241 / 9443-0

Contact address:
product security phone: phone: ++49 (0) 5241/9443-0
e-mail: labor@cb-chemie.de
Emergency information: ++49 (0) 5241/9443-0 (Mo – Fr 8:00 – 16:30 hrs)

| 2. Hazard identification

Preparation is classified as non-hazardous in the sense of directive 2001/60/EC

| 3. Composition/information on ingredients

Chemical characteristics:
Heat Protection Paste made of ceramic powder.

4. First aid measures

General instructions	: change saturated clothing
In case of inhalation	: n.a.
In case of skin contact	: wash off with water and soap
After contact with eyes	: rinse eyes thoroughly with water
After ingestion	: rinse out mouth with water and give plenty of water to drink

5. Fire-fighting measures

Suitable extinguishing media	: all extinguishing media possible
Extinguishing media that must not be used	:

6. Accidental release measures

Precautions for person	: no special measures required
Cleaning/Take-up-processes	: take up residues mechanically

7. Handling and storage

Handling:

Instructions for safe handling : keep containers closed

Storage:

Requirements for storage rooms: no special measures required

VCI storage class : 12

8. Exposure controls / personal protection

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the OES, MEL or MAK values, suitable breathing protection should be worn.

Ingredients with limiting values to be controlled : not indicated

Personal protective outfit: : n.a.

General protection and

hygienic measures: : Wash hands before break and after work.

Pay attention to the generally hygiene in the workplace instruction.

Eye protection : n.a.

Body protection : n.a.

Breathing mask : n.a.

9. Physical and chemical properties:

Form : pasty

Colour : light

Odour : mild

Safety relevant data:

Boiling point :

Freezing point : 0°C

Flash point : n.a.

Ignition temperature : n.a.

Explosion hazard

lower explosion limit : n.a.

upper explosion limit : n.a.

Density : approx. 2,0 g/ml

Solubility : miscible

pH-value : n.a.

Viscosity : n.a.

10. Stability and reactivity

Hazardous reactions : No hazardous reactions known.

Hazardous decomposition products : No hazardous decomposition products known.

Thermal decomposition : No hazardous decomposition products known.

11. Toxicological information

Toxicological effects : no data available
Sensitization : no data available
Further information : classification according to calculation procedure

12. Ecological information

The product does not cause any disruptions of sewage plants.

13. Disposal considerations

Advises : Dispose of in compliance with federal, state and local environmental regulations.

EC disposal code no. for the preparation : 12 01 99 Wastes from shaping (including, forging, welding, pressing, drawing, turning, cutting and filling) (wastes not otherwise specified)
(The waste code are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.)

for contaminated packing material : 15 01 02 Plastic packaging

14. Transport information

Land transport : No hazardous transport freight acc. to ADR/RID
Inland waterways transport : No hazardous transport freight acc. to ADB/ADNR
Sea transport : No hazardous transport freight acc. to IMDG/GGVSee
Aircraft transport : No hazardous transport freight acc. to ICAO/IATA

15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC-Directives (67/548/EEC and 2001/60/EC)
Labelling : The product does not require a hazardous warning label in accordance with EC-regulations and the relevant national laws.

Hazard symbols : n.a.

National regulations
Water hazard class : 1 (self-classification acc. to VwVwS)
(German only) i.e. slightly hazardous to water
VOC 1999/13/EC : 0 %

16. Other information

This information is based on our present state of knowledge. They describe our product in view of the requirements for safety. They do not assure of certain properties of the product. A legal relationship is not vested. Duplication without changes of the original version is allowed.