

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND SOCIETY IDENTIFICATION

**Name:** Berson E-200 and E-400

**Supplier:** GEA s.r.l., Via Fermi, 10 –20019 Settimo Milanese (MI)

**Telephone number for urgent call:** 0039/02/33514890

**Manager:** Adriano Braghieri

### 2. CHEMICAL COMPOSITION / INGREDIENTS INFORMATION

**Support:** carton

**Protection paper:** paper & silicon

**Adhesive:** Synthetic polymer

### 3. THE MAIN HAZARD

Not classified as hazardous. The product is not dangerous for human health or for the environment

### 4. EMERGENCY AND FIRST AID PROCEDURES

At a solid state the product is not dangerous for human health.

**Product inhaled:** take the person in the open air. In case of irritation of respiratory tracts obtain medical attention.

**Product on skin:** Wash skin. Remove the glue only after cooling.

**Product in eye:** immediately flood the eye with plenty of water for at least 15 minutes. Obtain medical attention.

**Ingestion:** no after-effects are foreseeable. Obtain medical attention.



## 5 . FIRE-FIGHTING MEASURES

Danger of fire: in case of fire put out with the recommended extinguisher:

- H<sub>2</sub>O
- CO<sub>2</sub>
- Foam
- Chemical dust

## 6. MEASURES IN CASE OF CONTACT WITH THE ENVIRONMENT

No particular measures. Use gloves to remove the glue. Avoid inhalation.

Remove the glue after solidification, using spatula or other tools.

## 7. HANDLING AND STORAGE

**Handling:** no measures are necessary

**Storage:** the product should be stored at a room temperature (5 – 35 °C). Avoid high temperatures.

## 8. STATUTORY AND OTHER CONTROLS

Measures to follow, using the product at the liquid state:

- 8.1. General hygienic measures: avoid inhalation of vapours and contact on skin.
- 8.2. Respiratory protection: no mask is necessary.
- 8.3. Hands protection: use thermoresistant gloves.
- 8.4. Eyes protection: use goggles.
- 8.5. Body protection: use work-clothes.



## 9. CHEMICAL AND PHYSICAL PROPERTIES

- 9.1. Colour: transparent
- 9.2. Odour: characteristic
- 9.3. Density (DIN 51757): 0,9 g/cm<sup>3</sup> (at 20°C)
- 9.4. Viscosity (ASTM D445): 4250 mm<sup>2</sup>/s (cSt) at 100°C
- 9.5. Inflammability point: >200°C
- 9.6. Water content (ASTM D1744): 40 mg/kg

## 10. STABILITY AND REACTIVITY

Decomposition: avoid extreme heating.

Avoid oxidizer.

Dangerous products of decomposition: if stored and handled as recommended there are no products of decomposition. In case of incomplete combustion: smoke, carbon monoxide, carbon dioxide and aldehydes.

No dangerous reactions are known.

## 11. TOXICOLOGIC INFORMATION

The product has no irritant effects, if used following the recommended measures.

## 12. ECOLOGICAL INFORMATION

Volatility:

the product at the liquid state is partially volatile.

Biodegradability: the product is no biodegradable.

Dangerous for water: the product is insoluble in water. Remove it mechanically.



### 13. DISCHARGE INFORMATION

D.Lgs. 05.02.97 n°22 and following changes.

### 14. TRANSPORTATION INFORMATION

Road and rail transport (ADR/RID and GGVS/GGVE): not subject to restrictions

Air transport (ICAO/IATA): not subject to restrictions

Sea-transport (ADN/ADNR - IMDG/GGVSee): not subject to restrictions

### 15. LABELLING INFORMATION

Classification: Not classified

Risk Phrases: none

Safety Phrases: none

### 16. OTHER INFORMATION

Date of compilation: 01.02.09

The information written in this data sheet are based on the knowledge of the product till the date above- mentioned and they are not a guarantee of quality.

