

# Material Safety Data Sheet

## According to 91/155 EEC

Printing date 29.03.2006

Reviewed on 21.03.2006

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

- **Product details**
- **Trade name:** Dipping Waxes TWP and Elaflex
- **Article number:** 510 0085 0, 510 0086 0, 510 0087 0, 510 0088 0, 510 0089 0, 510 0090 0
- **Application of the substance / the preparation** Dipping waxes.
- **Manufacturer/Supplier:**  
Bredent  
Weißenhorner Straße 2  
D-89250 Senden  
Tel.: +49 (0) 7309/872-0  
Fax: +49 (0) 7309/872-24
- **Further information obtainable from:** R & D
- **Information in case of emergency:** Tel.: +49 (0) 6132-84436 (24 h)

### 2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of natural and synthetic waxes with additives.
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**  
Seek medical treatment in case of complaints.  
Supply fresh air.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly. After contact with the molten product, cool rapidly with cold water.  
Cover wound with a sterile dressing.  
Seek medical treatment.  
Do not pull solidified product off the skin.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Sand  
Foam  
Fire-extinguishing powder

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- Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water
- **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. Do not allow to penetrate the ground/soil.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Store in cool, dry place in tightly closed receptacles.  
Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.  
Store receptacle in a well ventilated area.

### 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:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **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.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin. Avoid skin contact with the liquefied material. Do not eat, drink, smoke or sniff while working. Wash hands before breaks and at the end of work.
- **Respiratory protection:**  
Use suitable respiratory protective device when high concentrations are present.  
Filter A/P2
- **Protection of hands:**  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Nitrile rubber, NBR Neoprene gloves

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**· Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.


**· Eye protection:**

Tightly sealed goggles

### 9 Physical and chemical properties

**· General Information**

<b>Form:</b>	Solid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

**· Change in condition**

**Boiling point/Boiling range:** Undetermined.

**· Flash point:** >180°C

**· Self-igniting:** Product is not selfigniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Density at 20°C:** ca. 0.9 g/cm<sup>3</sup>

**· Solubility in / Miscibility with water:** Insoluble.

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with strong oxidizing agents.
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:**
- **on the eye:**
- **Sensitization:**

**· 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.

### 12 Ecological information

- **General notes:** Generally not hazardous for water

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### 13 Disposal considerations

**· Product:****· 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.

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

**· Uncleaned packaging:****· Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### 14 Transport information

**· Maritime transport IMDG:**

**· Marine pollutant:** No

### 15 Regulatory information

**· Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

### 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:** R & D

**· Contact:** R & D

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