

# Material Safety Data Sheet

according to 91/155/EEC



**Product name :** Hydro-EB-Tauchlack (SORTE 5822)  
**Revision :** 28.02.2007      **Version :** 2.0.0  
**Print date :** 28.02.2007

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## **01. Identification of substance, preparation and company**

### **Product name**

Hydro-EB-Tauchlack (SORTE 5822)

### **Use of the substance / preparation**

Waterborne coating. Intended purpose see technical data sheet.

### **Manufacturer/Supplier**

Brillux GmbH & Co KG  
Industrielack  
www.brillux.de/industrielack

### **Street/P.O.Box**

Otto-Hahn-Straße 14

### **Country code/Postal code/Town/City**

D-59423 Unna

### **Telephone / Telefax**

+49 (0)2303 8805-0 / +49 (0)2303 8805-119

### **Emergency information**

After the office hours:  
(Advisory board for symptom of poisoning, Berlin)  
Telephon: +49 (0)30 19240

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## **02. Composition/information on ingredients**

### **Hazardous components**

BUTYL CELLOSOLVE ; EC-No. : 203-905-0 ; CAS-No. : 111-76-2

Percentage : 5 - 10 %

Classification : Xn ; R 20/21/22 Xi ; R 36/38

2-AMINO-2-METHYLPROPANOL ; EC-No. : 204-709-8 ; CAS-No. : 124-68-5

Percentage : 1 - 5 %

Classification : R 52/53 Xi ; R 36/38

For the wording of the listed risk phrases refer to section 16.

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## **03. Hazards identification**

### **Hazard designation**

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### **Additional information**

This product is not dangerous concerning EC-guideline 1999/45/EC.

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## **04. First-aid measures**

### **General**

Immediately remove all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention.

### **After inhalation**

Take the casualty into the fresh air and keep warm.

### **After skin contact**

Flush away with water and rinse.

### **After eye contact**

Flush with plenty of water (10 - 15 min.). Call a doctor in case.

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## **05. Fire-fighting measures**

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Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

## **Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

## **Special protective equipment**

Appropriate breathing apparatus may be required.

## **Additional information**

Cool endangered containers with water in case of fire.

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## **06. Accidental release measures**

### **Personal precautions**

Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Prevent seepage into ground, water and sewage system. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

### **Methods for cleaning up/collecting**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

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## **07. Handling and storage**

### **Information for safe handling**

Take the precautions customary when handling chemicals.

### **Information about protection against explosions and fires**

No special precautionary measure necessary.

### **Requirements to be met by storerooms and containers**

Make sure that ventilation is adequate. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **Information about separation of incompatible products**

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. Store the foodstuffs separately.

### **Further information about storage conditions**

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep containers dry and cool. Avoid cooling to under 0°C.

**Storage class (VCI) :** 12

### **Specific uses**

Waterborne coating. Intended purpose see technical data sheet.

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## **08. Exposure controls and personal protection**

### **Additional information about engineering measures**

Take care of good ventilazion. This can be obtained by local asporationor general air. THE MAK-limiting value has to be ceased.

### **Components with critical values that require monitoring at the workplace (exposure limits)**

BUTYL CELLOSOLVE ; CAS-No. : 111-76-2

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )  
Value : 20 ppm / 98 mg/m<sup>3</sup>  
Category : 4(II)  
Remarks : H,Y

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Version date : 01.01.2006  
Specification : TRGS 903 - biological maximum limits ( D )  
Parameter : Butoxy acetic acid / urine / in cases of long term exposure after several shifts  
Value : 100 mg/l  
Version date : 31.03.2004  
Specification : Short term exposure limit ( EC )  
Value : 50 ppm / 246 mg/m<sup>3</sup>  
Remarks : H  
Version date : 08.06.2000  
Specification : threshold limit value ( EC )  
Value : 20 ppm / 98 mg/m<sup>3</sup>  
Remarks : H  
Version date : 08.06.2000  
2-AMINO-2-METHYLPROPANOL ; CAS-No. : 124-68-5  
Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )  
Value : 1 ppm / 4,6 mg/m<sup>3</sup>  
Version date : 01.01.2006

## Personal protective equipment

### Respiratory protection

Take breathing protection measures (see also instr. to avoid accidents). Combination filter mask A2 - P2 for short-term work.

### Hand protection

Use protective gloves. Suitable glove materials: fluoro-rubber, butyl-rubber or nitrile-rubber. Please pay attention to the glove penetration times of the solvents named below in chapter 2, according to the glove manufactures. After washing hands replace lost skin fat by fat containing skin creams.

### Eye protection

Use safety glasses.

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## 09. Physical and chemical properties

### Image

**Form :** Liquid.  
**Colour :** According to product identification.  
**Odour :** Product specific

### Relevant safety data

<b>Boiling point / range :</b>	( 1013 hPa )	>	100	°C
<b>Flash point :</b>			not applicable	
<b>Vapour pressure :</b>	( 50 °C )	<	100	hPa
<b>Density :</b>	( 20 °C )		1 - 1,3	g/cm <sup>3</sup>
<b>pH value :</b>			7,5 - 8,8	
<b>Flow time :</b>	( 20 °C )		70 - 100	s      DIN-cup 4 mm

### Additional information

The physical specifications are approximate values and refer to the used safety relevant component(s).

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## 10. Stability and reactivity

### Conditions to avoid

None, if handled according to order.

### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

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## Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

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## 11. Toxicological information

### Experience on practice

There are no data available on the product itself. This product is unlikely to harm health, given normal and proper handling and hygienic precautions. Skin contact: frequent and prolonged skin contact may cause irritation and skin inflammation.

### Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

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## 12. Ecological information

### Details on elimination (persistence / degradability)

There are no data available on the product itself.

### Additional ecological information

Do not empty into waters or drains.

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## 13. Disposal considerations

### Product

#### Recommendation

Can be taken to a suitable incineration centre in observance of local regulations.

#### Waste key

EWC-Code: 08 01 11.

### Contaminated packaging

#### Recommendation

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

#### Waste key

Uncleaned packaging: EWC-Code: 15 01 10. Cleaned packaging: EWC-Code: 15 01 04.

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## 14. Transport information

### Land transport ADR/RID

#### Classification

Class : -

### Maritime transport IMDG/GGVSea

#### Classification

IMDG-Code : -

### Air transport ICAO-TI and IATA-DGR

#### Classification

Class : -

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## 15. Regulatory information

### Classification according to EC directives

#### Special designation for certain preparations

101                      Safety data sheet available for professional user on request.

### National regulatory information

Emission control act ("TA-Luft")

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Sum organic substances class I : < 0,5 %

**Water pollution classification**

Class : 1 according VwVwS

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## **16. Other information**

### **Further information**

**Relevant changes**

02. Hazardous components · 08. Components with critical values that require monitoring at the workplace (exposure limits)

**R-Phrases of components**

20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
36/38	Irritating to eyes and skin.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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