

Date of issue: 18.08.2004 Replaces Data Sheet of : ---

"\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



## 1 Identification of Substance / Preparation and Company

### 1.1 Identification of Substance or Preparation

Trade Name : R850

Article No. : n.av.

Preparation No. : n.av.

### 1.2 Use of the substance / preparation:

Parkettfinish

### 1.3 Company / Supplier Identification

#### 1.3.1 Address of the Company / Supplier:

Bona GmbH, Jahnstraße 12, D - 65549 Limburg

Telephone : +49-6431-4008-0, Fax : +49-6431-4008-25

#### 1.3.2 Responsible :

Chemie &amp; Vorschrift, Kannheideweg 35, D-53123 Bonn-Duisdorf

### 1.4 Emergency - Telephone

Information Centre Specialising in Symptoms of Poisoning

Telephone : ++49 - 761 - 19 240

Emergency - Telephone of Company / Undertaking

Telephone : +49-6431-4008-0

## 2 Composition / Information on Ingredients

### 2.1 Chemical Characterisation:

Mixture of inorganic fillers with binders

### 2.2 Dangerous Ingredients:

| CAS - No.  | Index - No. | EEC - No. | Material                       | m% - range  | Symbol | R - phrases               |
|------------|-------------|-----------|--------------------------------|-------------|--------|---------------------------|
| 2768-02-7  | n.av.       | 220-449-8 | Trimethoxyvinylsilane          | 1 - 5%      | Xn     | R 10-20                   |
| 13822-56-5 | n.av.       | 237-511-5 | 3-(Trimethoxysilyl)propylamine | 1 - 5%      | Xi     | R 36                      |
| 77-58-7    | n.av.       | 201-039-8 | Dibutyltindilaurate            | 0,1 - 0,25% | T, N   | R 21-25-38-41-48/22-50/53 |

Remarks: Classification and labelling of a product is indicated under item 15.

## 3 Hazards Identification

### 3.1 For Humans (additional information is given under item 11) :

No special dangers known.

### 3.2 For the Environment :

Product may soil public waters by raising overall contamination.

### 3.3 For Materials:

None.

## 4 First Aid Measures

### 4.1 Inhalation:

The following symptoms may occur: Confusion, dizziness.

Remove from danger area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.

### 4.2 Skin Contact :

Wash with soap and water.

In the event of symptoms occurring, seek medical treatment.

### 4.3 Eye Contact :

Flush eyes out immediately with large amounts of water with eye lids lifted.

Call physician.

### 4.4 Ingestion :

Rinse mouth out and drink plenty of water.

In the event of symptoms occurring, seek medical treatment.

### 4.5 Note to Physician:

Danger of aspiration when vomiting or irrigating stomach. Symptomatic treatment.

### 4.6 Special Equipment:

n.av.

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Telephone : +49-6431-4008-0, **Date of issue:** 18.08.2004 **Replaces Data Sheet of : ---****5 Fire Fighting Measures**

- 5.1 **Suitable Extinguishing Media :** Foam, dry chemicals, CO<sub>2</sub>, water spray jet
- 5.2 **Extinguishing Media to Avoid :** Full water jet.
- 5.3 **Fire and Explosion Hazards :**  
In case of fire, product may form: Organic crackproducts and carbon oxides., inorganic dust
- 5.4 **Additional Information :** Spray down fumes resulting from fire.
- 5.5 **Special Protective Equipment :**  
Wear positive pressure self-contained breathing apparatus.  
Wear full protective clothing.

**6 Accidental Release Measures**

- 6.1 **Personal Precautions :**  
See No. 8.3 Personal Protective Equipment. Provide sufficient ventilation. High risk of slipping due to leakage / spillage of product.
- 6.2 **Environmental Precautions and Methods for Cleaning up :**  
Do not allow to enter drainage / surface-water / ground-water. Inform responsible authorities after accidental conduction. Take up with suitable absorbent material.
- 6.3 **Further Information :** None.

**7 Handling and Storage** (For national regulations refer to item 15.2)

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling :**  
Keep container tightly closed. Close container straight after use or if empty. Application only when sufficient ventilated.
- 7.1.2 **Precautions in Case of Fire and Explosion :**  
No special measures necessary
- 7.2 **Storage**
- 7.2.1 **Storage Instructions :**  
Provide sufficient ventilation.
- 7.2.2 **Store away from :**  
Store away from oxidizers.
- 7.2.3 **Further Information on Storage Conditions :**  
Protect container from warming up and direct sunlight.
- 7.2.4 **Storage Class :** 13 (VCI - Concept)

**8 Exposure Controls and Personal Protection**

- 8.1 **Information on System Design :**  
Provide for sufficient exhaustion. Provide personal protective equipment.
- 8.2 **Exposure Limits:**
- 8.2.1 **Material** **Limit Value :**  
Dibutylzinndilaurat MAK 0,1 mg/m<sup>3</sup>, skin resorptive
- 8.3 **Personal Protective Equipment**
- 8.3.1 **General Protection and Hygiene :**  
Avoid contact with eyes and skin. Take off contaminated, saturated clothing immediately.  
Do not inhale dust, gas, vapours, fire -fumes. Do not eat, drink or smoke during work.
- 8.3.2 **Respiratory Protection :** If ventilation is insufficient, wear respiratory protection Filter A
- 8.3.3 **Hand Protection :** In case of prolonged skin contact use protective gloves. (NBR)
- 8.3.4 **Eye Protection :** Tightly fitting goggles
- 8.3.5 **Skin Protection :** Light protective clothing
- 8.3.6 **Further Information :** Refer to special restrictions in wearing protective equipment



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**12 Ecological Information**

- 12.1 **Ecotoxic Effects, Aquatic Toxicity :**  
n.av.
- 12.2 **Behaviour in Sewage Works :**  
Mobility and Accumulation Potential : n.av.
- 12.3 **Elimination (Persistence and Degradability) :**  
The product is partially biodegradable. Substantial residues remain.
- 12.4 **Other Ecological Information**
  - 12.4.1 COD-Value, mg/g : n.av.
  - 12.4.2 BOD<sub>5</sub>-Value, mg/g : n.av.
  - 12.4.3 AOX-Remarks : Not relevant
  - 12.4.4 Significant Components : None.
  - 12.4.5 Other adverse effects :

**13 Disposal Considerations** (For national Regulations refer to item 15.)

- 13.1 **Residues**
  - 13.1.1 Recommendation : D 10 / R 1 Waste - Code - No. : 08 01 12  
In addition comply with the regional authorities.
  - 13.1.2 Safe Handling: See item 7 and 15.
- 13.2 **Contaminated Packaging**
  - 13.2.1 Recommendation : Wash with suitable cleaner. Otherwise as described under Residues.
  - 13.2.2 Safe Handling : As described under Residues.

**14 Transport Information**

- 14.1 **Transportation by Road or Railway according to ADR and RID**  
**Remarks : No dangerous goods according to ADR**  
 Class : Classification Code : Packing Group :  
 Hazard-No. : UN-No. :
- 14.1.1 **Instruction Concerning Shipper's Declaration and Packaging :**

| Volume or Mass | Name and Description | Risklabel Packing - Code or instruction |
|----------------|----------------------|---|
|                |                      |   |
- 14.2 **Classification for Transportation by Inland-Navigation according to ADNO**  
**Remarks : Classification has not been done.**  
 Class : Division : Category :
- 14.2.1 **Description of Goods :**
- 14.2.2 **Remarks :**
- 14.3 **Classification for Transportation by Vessels according to IMDG**  
**Remarks : No dangerous goods according to IMDG**  
 Class : UN-No. : Packing Group :
- 14.3.1 **EmS-No. :**
- 14.3.2 **Marine Pollutant :**
- 14.3.3 **Instruction for Declaration and Labelling :**  
 (Packing sizes with possible exemptions not considered)  
**Proper Shipping Name :**  
**Risk Label :**
- 14.3.4 **Remarks :**

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**14.4 Classification for Transportation by Aeroplane according to IATA-DGR/CAO-TI**

**Remarks : No dangerous goods according to IATA-DGR**

Class : UN-No. : Packing Group :

**14.4.1 Instruction for Declaration and Labelling :**

(Packing sizes with possible exemptions not considered)

**Proper Shipping Name :**

**Risk Label :**

Packing Instructions, Passenger : Cargo :

**14.4.2 Remarks : None.**

**15 Regulatory Information**

**15.1 Classification according to EEC-Regulations :**

Classification required by EEC : No.

Applicable Exemptions : No.

Hazard Identification :

Hazard Symbol(s) :

Component(s) :

**R-Phrases :**

**S-Phrases :**

Additional Markings :

15.1.1 The above mentioned labelling is valid for distribution to industrial user.

Labelling (formats, exemptions, additional markings) has to be done according to respective regulations.

**15.2 National Regulations**

VOC-Content: n.av.

**16 Other Information**

**Text of R phrases mentioned in Section 2**

R 10: Flammable.

R 20: Harmful by inhalation.

R 21: Harmful in contact with skin.

R 25: Toxic if swallowed

R 36: Irritating to eyes.

R 38: Irritating to skin.

R 41: Risk of serious damage to eyes.

R 48/22: Harmful: Danger of serious damage to health by prolonged exposure if swallowed.

R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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This Material Safety Data Sheet relates to 2001/58/EEC and TRGS 220.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible.

They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by : Chemie & Vorschrift, Kannheideweg 35, D-53123 Bonn-Duisdorf, ( +49-228-74 81 824

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