

# MATERIAL SAFETY DATA SHEET

## EMULBIT

Machen wir's dicht!



**Material Safety Data Sheet**

Acc. to 91/55/EC

**1 PRODUCT IDENTIFICATION**

- **Product details:**
- **Trade Name:** Emulbit
- **Material / preparation use:** Bitumen emulsion (bitumen-in-water emulsion))
- **Manufacturer/Supplier:**  
Villas Austria GmbH  
Industriestrasse 18  
A-9586 Fürnitz  
Tel: +43/ (0) 4257/2241-2243 Fax: +43/ (0) 4257/2241-2282
- **Information Department:** Laboratory, e-mail: a.wolte@villas.at
- **Emergency Number:** +43/ (0) 4257/2241/2243 (Monday - Friday: 7:30am – 4:30pm)

**2 HAZARDS IDENTIFICATION**

- **Hazard designation:**  
Not applicable
- **Information pertaining to particular dangers for man and environment:**  
Not applicable
- **Classification system:**  
Classification is in line with current EC regulations. It is expanded, however, by information from technical literature and by information from raw material suppliers.

**3 COMPOSITION / INFORMATION ON COMPONENTS**

- **Chemical characterization**
- **Description:**  
Bitumen emulsion on water basis
- **Dangerous component:**  
Not applicable
- **Additional information:**  
Not applicable

**4 FIRST AID MEASURES**

- **General Information:**  
No special measures required
- **After inhalation:**  
Not applicable
- **After skin contact:**  
Wash with soap and plenty of water
- **After eye contact:**  
Rinse open eye for several minutes with water and consult doctor.
- **After swallowing:**  
Theoretically no hazard; extremely low toxicity

**5 FIRE FIGHTING MEASURES**

- **Suitable extinguishing agents:**  
The product does not burn.

**6 ACCIDENTAL RELEASE MEASURES:**

- **Additional advice:**  
Prevent from entering sewage system, water bodies and ground. Leave to cool, remove and arrange for disposal.

**7 HANDLING AND STORAGE:**

- **Person related safety precautions:**  
Not applicable

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- **Measures for environmental protection:**  
Avoid entering into drains and soil.
- **Measures for cleaning / collecting:**  
Absorb with liquid-binding material (sand, universal binder, wood shavings), dispose contaminated material acc. to clause 13.
- **Additional information:**  
No hazardous substances released.

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- **Additional information about design of technical systems:**  
No further information; see clause 7.
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain components with limiting values which have to be monitored at the workplace.
- **Personal protective equipment:**
- **Respiratory protection:**  
Not applicable
- **Hand protection:**  
Protective gloves
- **Eye protection:**
- **Body and skin protection:**  
Working clothes

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state:** liquid
- **Color:** black / dark brown
- **Smell:** none
- **Change in condition**
- **Melting point / melting range:** 0 °C
- **Boiling point / boiling range:** 100 °C } water
- **Flash point:** Not applicable
- **Self-inflammability:** Not applicable
- **Self ignition:** Not applicable
- **Danger of explosion:** Not applicable
- **Vapour pressure at 20°C:** Not required
- **Density at 20°C:** approx. 1,0 g/cm<sup>3</sup>
- **Solubility / miscibility with water:** With water well mixable
- **Viscosity:**
  - **Kinematic:**
- **Additional Information:** Solvent content (organic solvents): none

### 10 STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to be avoided:**  
No decomposition when used properly
- **Dangerous reactions:** None
- **Dangerous products of decomposition:** None if used properly

### 11 TOXICOLOGICAL INFORMATION

According to our knowledge no danger for health may be deriving from the proper application and use.

### 12 ECOLOGICAL INFORMATION

- **General Information:**  
Do not allow product to reach the ground water or sewage system. If dried insoluble in water, not hazardous for water. Water hazard class 0 (self-assessment)

