

## **Villas Austria GmbH**

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# **MATERIAL SAFETY DATA SHEET**

## **EMULBIT**





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## **Material Safety Data Sheet**

Acc. to 91/55/EC

## 1 PRODUCT IDENTIFICATION

Product details:

• Trade Name: <u>Emulbit</u>

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 characerization
- Description:

Bitumen emulsion on water basis

• Dangerous component:

Not applicable

• Additional information:

Not applicable

## **4 FIRST AID MEASURES**

## • General Information:

No specials 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 witch 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:
Boiling point / boiling range:
Flash point:
Self-inflammability:
Self ignition:
Danger of explosion:
Vapour pressure at 20°C:

N°C
100 °C
water
Not applicable
Not applicable
Not applicable
Not applicable

Density at 20°C: approx. 1,0 g/cm³
 Solubility / miscibility with water: With water well mixable

Viscosity:

Kinematic:

• Additional Information: Solvent content (organic solvents): none

## 10 STABILITY AND REACTIVITY

• Thermical decomposition / conditions to be avoided:

No decomposition when used properly

Dangerous reactions: None

Dangerous products of decomposition: None if used properly

## 11 TOXICOLOGICAL INFORMATION

Accoring 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 unsoluble in water,not hazardous for water. Water hazard class 0 (self-assessment)

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## 13 DISPOSAL CONSIDERATIONS

Product:

**Recommendation:** 

Depose according to official regulations.

Waste disposal key number:

54407 (Bitumen emulsion). If dried: 54912 (Bitumen, Asphalt) acc. to ÖNORM S 2100, no hazard waste

**Disposal Information:** 

Chemical-physical utilization: suitable (drying)
Biological utilization: not suitable
Thermic utilization: suitable
Disposal: not suitable

• European waste catalogue: 05 01 17 (bitumen)

• Uncleaned packagings: If empty cleaning with water, recycling

**Recommendation:** 

Water, if required add cleaning agents

#### 14 TRANSPORT INFORMATION

• ADR / RID / AND (if hot / liquid):

Description of goods:
Class:
Packaging group:
Code:
Risk No.:
Substance No.:

ADR / RID / AND: No hazardous freight acc. to nat. and international regulations

#### 15 REGULATORY INFORMATION

• EG Regulations:

None

Designation according to EC Regulations:

Due to the classification of this product as per the chemical regulations it presently needs not be marked specifically.

## **16 OTHER INFORMATION**

The information is based on our contemporary knowledge of the product and its properties. This material safety data sheet is not intended to give any guarantee or warranty of product properties and is not creating any legal liability. Any regulation or law, not covered by this data sheet, is to be observed under the responsibility of the recipient and user of our product.

• Relevant R-Phrases:

None

• Department issuing safety data sheet:

Laboratory

• Contact person:

Laboratory Tel.: +43/ (0) 4257/2241-2243