



## EC SAFETY DATA SHEET according to 1907/2006/EC, Article 31

Product: **Refug 100 component A**  
Article number: **5601**

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

#### 1.1 Product identifier

Article Number: **5601**

Trade name: **Refug 100 component A**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Application: **Reactive joint filler**

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/ supplier:

Company  
VIALIT ASPHALT GesmbH & Co KG  
Reiterstrasse 78  
A - 5280 Braunau/ Inn

Telephone: +43 (0)7722/ 62977 - 0  
Telefax: +43 (0)7722/ 65758

Product information: Laboratory, tel.: +43 - 7722/ 62977 - 44      [Qualitaet@vialit.at](mailto:Qualitaet@vialit.at) (Only at office hour)

**1.4 Emergency telephone number:** poisoning information office, tel.: +43 - 1/ 4064343 **(Please contact the regional company representation in your country)**

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### 2 Hazards identification

#### 2.1 Classification according to the Regulation (EC) No 1272/2008 (GHS)

This substance is not classified as dangerous according to European Union legislation.

#### 2.2 Label elements

**Labelling (Regulation (EC) No 1272/2008)**

Not a dangerous substance according to GHS.

#### 2.3 Other hazards

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

Chemical characterisation: Reactive curing bitumen product for joint filling.  
The product does not contain any relevant quantities of hazardous materials.

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## **4 First aid measures**

### **4.1 Description of first aid measures**

**General advice:**

First aider needs to protect himself.

**Skin contact:**

Rinse with water and soap.

**Eye contact:**

Rinse out for several minutes with the eyelid open and consult a doctor.

**Ingestion:**

If complaints persist get medical attention.

**Information for the doctor:**

Not relevant

### **4.2 Most important symptoms and effects, both acute and delayed**

No information available

### **4.3 Indication of any immediate medical attention and special treatment needed**

No information available

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## **5 Fire-fighting measures**

### **5.1 Extinguishing media**

**Suitable extinguishing media:**

Foam, powder, water spray

**Extinguishing media which must not be used for safety reasons:**

Full stream of water

### **5.2 Special hazards arising from the substance or mixture**

Building of carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

**Special fire-fighting procedures:**

No special procedures necessary.

**Special protective fire-fighting equipment:**

Stay in danger area only with self-contained breathing apparatus.

**Further information**

No information available

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## **6 Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes.

### **6.2 Environmental precautions**

Observe usual precautions.

### **6.3 Methods and materials for containment and cleaning up**

Collect mechanically with wet chippings

### **6.4 Reference to other sections**

Indications about waste treatment see section 13

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## **7 Handling and storage**

### **7.1 Precautions for safe handling**

Observe usual precautionary measures when using.

Advice on protection against fire and explosion  
No special measures are required.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep material well closed, material cures by exposure to air.

### **7.3 Specific end uses**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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## **8 Exposure controls / personal protection**

### **8.1 Control parameters**

Components with specific workplace-related control parameters:  
This product contains no relevant quantities of substances with limits to be monitored relating to the workplace.

### **8.2 Exposure controls**

Additional information for system design:  
Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.  
See section 7.1

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General safety and hygiene measures:  
Do not eat, drink and smoke at work

Respiratory protection: Not required  
Hand protection: Protective gloves  
Eye protection: Not required  
Body protection: Suitable work clothing

Monitoring of environmental exposure:  
Not applicable

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: liquid  
Colour: black  
Odour: characteristic

#### Relevant data for safety:

Boiling point [°C]:	not relevant
Flash point [°C]:	200
Inflammability [°C]:	not relevant
Fire promoting properties [°C]:	product is not oxidizing
Danger of explosion [°C]:	product is not explosive
pH - value:	not relevant
Vapour pressure at 20 °C [mbar]:	not relevant
Density at 25 °C [g/ cm <sup>3</sup> ]:	1,15 - 1,2
Solubility in water at 20 °C:	poor
Solubility in fat at 20 °C:	good
Dynamic viscosity at bei 25 °C [Pas]:	3 - 8

### 9.2 Other data

No information available

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## 10 Stability and reactivity

### 10.1 Reactivity

No information available

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions.

### **10.3 Possibility of hazardous reactions**

No information available

### **10.4 Conditions to avoid**

Keep material well closed, material cures by exposure to air.

### **10.5 Incompatible materials**

No information available

### **10.6 Hazardous decomposition products**

Carbon monoxide, carbon dioxide

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## **11 Toxicological information**

### **11.1 Information on toxicological effects**

Acute toxicity:

This product is not acutely toxic.

Sub-acute to chronic toxicity:

This product is neither sub-acutely nor chronically toxic.

Caustic effects, irritation and sensitisation:

Not caustic, irritating or sensitising.

Properties that are carcinogenic, genetically altering, hazardous to reproduction or damaging to fertility:

This product possess no such properties.

### **11.2 Further information**

The classification was made according to the method of calculation for the preparation guideline.

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## **12 Ecological information**

### **12.1 Toxicity**

This product has been classified as non-eco-toxic according to the calculation method.

### **12.2 Persistence and degradability**

Not relevant

### **12.3 Bioaccumulative potential**

Not relevant

### **12.4 Mobility in soil**

Not relevant

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## 12.5 Results of PBT and vPvB assessment

Not relevant

## 12.6 Other adverse effects

Water hazard class: 1 [ accordance VwVwS].

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## 13 Disposal considerations

Product: Disposal in accordance with official regulations.  
Packaging: Disposal in accordance with official regulations.  
Waste code: ÖNORM 2100, Code No. 54 912  
EN-Number 17 03 02

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## 14 Transport information

### ADR/ RID

Class:  
Classification code:  
Packaging group:  
Hazard ID No.:  
UN number:  
Name of product:  
Remark:  
The product is not a hazardous material in the sense of ADR/ RID and is not subject to labelling requirements.

### ADN/ ADN R

Remark:  
Classification in accordance with ADN/ ADN R is not relevant

### IMDG/ GGVSee

Remark  
The product is not a hazardous material in the sense of IMDG/ GGVSee and is not subject to labelling requirements.

### ICAO – TI/ IATA - DGR

Remark:  
Classification in accordance with ICAO – TI/ IATA - DGR is not relevant.

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## 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

Chemikaliengesetz 1996 + Chemikalienverordnung (Chemical Act 1996 + Chemical Ordinance)  
Verbotsverordnungen zum Chemikaliengesetz (Prohibition Ordinances for the Chemical Act)  
Arbeitnehmerschutzgesetz + Durchführungsverordnungen\* (Labour Safety Act + Implementing Ordinances)

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

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## 16 Other information

This information is based on our present state of knowledge and experience. This datasheet describes products in regard to safety requirements. However, it should not be regarded as constituting a guarantee for any specific product properties.

The asterisk (\*) in the right margin indicates changes from the previous version.

The full wording of the R phrases to which reference is made in Points 2 and 3:

Responsible Department: Laboratory, ext. 44