

**MATERIAL SAFETY DATA SHEET FOR COATED ABRASIVES**

EC Directive 91/155/EG and ISO Standard 11014 - 1

**1. Identification of Product and Company:**

**1.1 Product Name:**

Cramer Bath-Rubber

**1.2 Application**

Organic bonded Abrasive

**1.3 Company identification:**

Company: Cramer GmbH

Address: Salzstr. 8A

DE-85622 Feldkirchen

Germany

Phone: 0049 89 99909770

Fax: 0049 89 99909777

E-mail: info@cramer-gmbh.de

**2. Composition/Information on Ingredients**

The product contains the following marking required ingredients as per 67/548 EEC and 99/45 EC

	Name	CAS	EG Nr. (ELINCS/EINECS)	Concentration area	Classifi- cation	R-Phrases
	Grinding material			60%		
	polyurethane	53165-46-1		40%	MSDS	

**3. Hazards Identification**

Not applicable

Abrasives are not dangerous substances or preparations as defined in EC directive N° 99/45.

See also section 8 and 16.

**4. First Aid Measures**

See also section 8 and 16

Inhalation: not possible, due to the form of the product

Eye contact: not possible, due to the form of the product

Skin contact: no harmful effects known

Ingestion: not likely, due to the form of the product

If necessary contact physician

## 5. Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment.

Extinguishing Media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials

## 6. Accidental release measures

Not applicable.

## 7. Handling and Storage

Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

## 8. Exposure Controls / Personal Protection

Before grinding risk assessment should be performed and individual personal protection measures adopted accordingly.

### 8.1. Exposure Limits

Keep limits of the following components under surveillance  
(Observe the regional official regulations for dust)

	Name	CAS	EG Nr.	Concentration limits (daily average value)

Note: Hazardous dust of workpiece material may be generated during grinding and/or sanding operations.

### 8.2. Exposure control and limitations

#### 8.2.1. Exposure control and limitations of the work environment

Observe the regional official regulations for dust

##### 8.2.1.1. Respiratory protection: Use respiratory equipment

(type depends on specific application and material being ground)

##### 8.2.1.2. Hand protection: Wear protective gloves

(type depends on specific application and material being ground)

##### 8.2.1.3. Eye protection: Wear protective goggles or face shield

(type depends on specific application and material being ground)

##### 8.2.1.4. Hearing protection: Use hearing protection

(type depends on specific application and material being ground)

##### 8.2.1.5. Body protection: Use protective clothing

(type depends on specific application and material being ground)

## 9. Physical and Chemical Properties

- |     |                      |               |
|-----|----------------------|---------------|
| 9.1 | Physical state:      | solid         |
| 9.2 | Colour:              | beige         |
| 9.3 | Solubility in water: | water-soluble |

## 10. Stability and Reactivity

### Stability

Coated Abrasives are stable when handled or stored

### Reactivity

- 10.1 Conditions to avoid:  
No decomposition in normal use.
- 10.2 Materials to avoid:  
No dangerous reactions known.
- 10.3 Hazardous decomposition products:  
At temperatures exceeding 250 C hazardous or toxic decomposition products may be generated

## 11. Toxicological Information

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.  
See also section 8.

## 12. Ecological Information

- |      |                                |                                   |
|------|--------------------------------|-----------------------------------|
| 12.1 | Ecotoxicity:                   | no effects known                  |
| 12.2 | Mobility:                      | no potentials known               |
| 12.3 | Persistence and degradability: | no biodegradable potentials known |
| 12.4 | Bioaccumulative potential:     | no potentials known               |
| 12.5 | Other hazardous effects:       | no effects known                  |

## 13. Disposal Considerations

- 13.1. Product  
Follow national and regional regulations!

Due to the ingredients (sum concentration under the limit) disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121),

- 13.2. Packing  
Follow national and regional regulations!

#### **14. Transport Information**

The product is not covered by international regulation on the transport of dangerous goods.

#### **15. Regulatory Information**

No specific marking requirements under respective EC directives

#### **16. Other Information**

R -  
R -  
R -  
R -

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: quality manger

Contact: laboratory