

## RAKU-TOOL WB-1404

Print date: 13.01.2016

Page 1 of 5

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

#### 1.1. Product identifier

RAKU-TOOL WB-1404

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

##### Use of the substance/mixture

model building material

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

Company name:	RAMPF Tooling Solutions GmbH & Co. KG	
Street:	Robert-Bosch-Str. 8-10	
Place:	D-72661 Grafenberg	
Telephone:	+49(0)7123-9342-1600	Telefax: +49(0)7123/93421666
e-mail:	tooling.solutions@rampf-gruppe.de	
Responsible Department:	laboratory	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Additional advice on labelling

As an article the product does not need to be labelled in accordance with EC-directives or respective national laws.

No labeling necessary according to the Directive (EC) No. 1272/2008.

#### 2.3. Other hazards

None known

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

##### Chemical characterization

Reactionproduct based on polyurethane

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

Take affected person into fresh air.

##### After contact with skin

Dust: Wash off with soap and plenty of water.

##### After contact with eyes

In case of contact with eyes rinse thoroughly with water. If eye irritation persists, consult a specialist.

#### 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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Any extinguishing means and measures are acceptable. Fire-extinguishing activities according to surrounding.

## RAKU-TOOL WB-1404

Print date: 13.01.2016

Page 2 of 5

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

Nitrogen oxides (NOx), Carbon monoxide and carbon dioxide.  
Under certain fire conditions traces of other toxic substances, such as hydrocyanic acid, cannot be excluded.

### **5.3. Advice for firefighters**

No information available

## **SECTION 6: Accidental release measures**

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

Dust may form explosive mixture in air. Keep away from sources of ignition - No smoking.  
Avoid contact with eyes, skin or mucous membrane.  
Do not breathe dust. Ensure adequate ventilation.

### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

### **6.3. Methods and material for containment and cleaning up**

Take up mechanically and collect in suitable container for disposal. Avoid dust formation.

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

No information available

## **SECTION 7: Handling and storage**

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

#### **Advice on safe handling**

No special measures necessary if used correctly.  
Avoid dust formation. Keep away from sources of ignition - No smoking.

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

#### **Requirements for storage rooms and vessels**

No special precautions required.

#### **Advice on storage compatibility**

Keep away from food, drink and animal feeding stuffs.

### **7.3. Specific end use(s)**

No information available

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

### **8.1. Control parameters**

### **8.2. Exposure controls**

#### **Appropriate engineering controls**

No specific precautions necessary.

#### **Protective and hygiene measures**

Dust may form explosive mixture in air. Keep away from sources of ignition - No smoking.

#### **Eye/face protection**

Tightly fitting goggles (EN 166)

#### **Hand protection**

Protective-gloves (dust-resistant)

#### **Skin protection**

Light protective clothing, Safety footwear (EN 345)

#### **Respiratory protection**

In case of dust formation wear micro dust mask.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Physical state:	Solid
Colour:	olive

**RAKU-TOOL WB-1404**

Print date: 13.01.2016

Page 3 of 5

Odour: Odourless

pH-Value: n.a.

**Changes in the physical state**

Flash point: &gt; 200 °C

Vapour pressure:  
(at 20 °C) n.a.Density (at 20 °C): ~ 1,40 g/cm<sup>3</sup>

Water solubility: Insoluble

**Test method****9.2. Other information**

No information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available

**10.2. Chemical stability**

No information available

**10.3. Possibility of hazardous reactions**

No information available

**10.4. Conditions to avoid**

No special precautions required.

To avoid thermal decomposition, do not overheat. (&gt; 200°C)

**10.5. Incompatible materials**

No special precautions required.

**10.6. Hazardous decomposition products**Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide and carbon dioxide.

Under certain fire conditions traces of other toxic substances, such as hydrocyanic acid, cannot be excluded.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

No toxicological data available.

**Irritation and corrosivity**

Dust particles, like other inert materials, are mechanically irritating the eyes.

**Sensitising effects**

No information available

**STOT-single exposure**

No information available

**Severe effects after repeated or prolonged exposure**

No information available

**Carcinogenic/mutagenic/toxic effects for reproduction**

No information available

**Aspiration hazard**

No information available

**SECTION 12: Ecological information****12.2. Persistence and degradability**

Not degradable

**12.3. Bioaccumulative potential**

No information available

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## RAKU-TOOL WB-1404

Print date: 13.01.2016

Page 4 of 5

### 12.4. Mobility in soil

No information available

### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

No information available

### Further information

Do not flush into surface water or sanitary sewer system.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Where possible recycling is preferred to disposal.

If recycling is not practicable, dispose of in compliance with local regulations.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Air transport (ICAO)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

### Other applicable information

No hazardous material as defined by the transport regulations. (ADR, RID, IMDG, IATA)

## SECTION 15: Regulatory information

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

#### National regulatory information

Water contaminating class (D): -- not water contaminating

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s) 9

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## RAKU-TOOL WB-1404

Print date: 13.01.2016

Page 5 of 5

### Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.