

## Universal Barrier Spill Mat

Suction Mat For Absorbing Liquid Chemicals

Version: 1.0

Reviewed on: 21. 05. 2010

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

<b>Trade name</b>	Universal Barrier Spill Mat	
<b>REACH registration</b>	<u>Does not have to be registered according to REACH Regulation (EC) No. 1907/2006</u> The product releases no substances under normal and reasonably foreseeable conditions of use (Reference to Article 7 (1) b).	
<b>Use</b>	Suction mat for absorbing liquid chemicals	
<b>Supplier</b>	RAW Handel und Beratungs GmbH Grünstraße 5 D-79232 March-Hugstetten Phone +49 (0) 7665 / 934 29 - 0 Fax +49 (0) 7665 / 934 29 - 25 These numbers will only be staffed during office hours.	
<b>Responsible person</b>	Mr J. Wittstock,	Phone +49 (0) 7665 / 934 29 - 0 This number will only be staffed during office hours.
<b>Qualified person</b>	Dipl.-Ing. M. Fischer,	Phone +49 (0) 163 / 50 737 60 This number will only be staffed during office hours. E-mail: <a href="mailto:sdb@raw-vertrieb.de">sdb@raw-vertrieb.de</a>
<b>Emergency information (24 h)</b>	Poison Information Center in Bonn,	Phone +49 (0) 228 / 19240

### 2. HAZARD IDENTIFICATION

**The product is not classified as dangerous within the meaning of Directive 1999/45/EC.**

Not subject to labelling. In all cases please note the information of the Safety Data Sheet.

**Hazard symbol:** Not applicable

**Hazard warning label:** Not applicable

**Particular risks for humans and the environment:** None

**Additional information:** None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterisation:**

Universal barrier spill mat made from sturdy polypropylene fibers (All information given in this MSDS refers exclusively to cured and cooled materials).

**Hazardous components:** None

### 4. FIRST AID MEASURES

**General information:** No special measures are required.

**After inhalation:** No special measures are required.

**After skin contact:** Generally the product does not cause skin irritation. Wash with soap and plenty of water.

**After eye contact:** Rinse eyes with running water for several minutes holding eyelids well apart. In case of persistent symptoms, seek medical advice.

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**After ingestion:** Rinse mouth and drink plenty of water. If symptoms of distress persist seek medical advice.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing media

CO<sub>2</sub>, extinguishing powder or water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

### Particular hazards posed by the substance, its combustion products or gases produced

**In case of fire following products can be released** Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), organic acids, aldehyde, ketones, acrolein, hydrocarbons.

**Special protective equipment for fire-fighters** Wear full-body protective clothing.

**Additional information** Employ self-contained breathing apparatus.

Collect contaminated fire extinguishing water separately: This must not be discharged into drains.

## 6. ACCIDENTAL RELEASE MEASURES

### Person-specific precautionary measures:

For the product itself, no measures are required.

### Environmental measures:

For the product itself, no special measures are required.

### Procedure for picking up / cleaning:

Pick up uncontaminated material mechanically.

Dispose of absorbed materials according to regulations.

## 7. HANDLING AND STORAGE

### Handling

Information on safe handling

Ensure good ventilation / exhaustion at the workplace. Avoid contact with eyes. Avoid formation of dust. Regularly vacuum formed dust and do not inhale. Care must be taken to observe the occupational exposure limit values/value and/or other threshold values.

Advice on fire and explosion protection

No special precautions are necessary.

### Storage

Requirements for storage rooms and vessels

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

Storage temperature < 60°C.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTON

### Information on plant design

No further data, see section 7.

### Components with occupational exposure limits requiring monitoring:

General dust limit:

Breathable fraction (E = Breathable dust):

10 mg/m<sup>3</sup> (average layer)

Alveolar fraction (A = Alveolar dust):

3 mg/m<sup>3</sup> (average layer)

### Additional occupational exposure limits in case of potential hazards during manipulation:

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107-02-8 Acrylaldehyde	AGW (OEL Germany) 0,25 mg/m <sup>3</sup> , 0,1 ml/m <sup>3</sup> , AGS, H
50-00-0 Formaldehyde	MAK (Germany) 0,62 mg/m <sup>3</sup> , 0,5 ml/m <sup>3</sup> , Y, H; DFG
64-19-7 Acetic acid	MAK (Germany) 25 mg/m <sup>3</sup> , 10 ml/m <sup>3</sup> , DFG, EU
	IOELV (European Union) 25 mg/m <sup>3</sup> , 10 ml/m <sup>3</sup>

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTON (Continuation)

64-18-6 Formic acid	AGW (OEL Germany) 9,5 mg/m <sup>3</sup> , 5 ml/m <sup>3</sup> , 2(l); DFG, EU, Y
	IOELV (European Union) 9 mg/m <sup>3</sup> , 5 ml/m <sup>3</sup>

Additional information: The lists valid at the moment of compiling this Data Sheet have been used as basis.

### Personal protective equipment:

#### General precautionary and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals.

Avoid contact with eyes.

Wash hands before breaks and at the end of work.

#### Respiratory protection:

Dust mask – particle filter mask may be needed.

When safe compliance with occupational exposure limit values/value (OEL) and other threshold values is permanently ensured, no special measure are normally necessary.

#### Hand protection:

Protective gloves. Selection of the glove material on consideration of the penetration times, rates of permeation and degradation.

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Always inspect the impermeability of the gloves before reusing them.

To avoid skin problems, reduce the wearing of gloves to the required minimum.

#### Material of gloves

Fabric gloves

Leather gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Protective goggles

### Safety information

**WARNING:** According to regulation, wear protective clothing appropriate to the material to be absorbed when handling dangerous substances. Hazardous material might escape when picking up the mat.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid
<b>Colour</b>	Grey
<b>Odour</b>	Nearly odourless
<b>Melting point/Melting range</b>	> 160 °C
<b>Boiling point/Boiling range</b>	Undetermined
<b>Flash point</b>	> 316 °C
<b>Ignition temperature</b>	440 °C
<b>Self-ignition</b>	Product is not self-igniting.

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<b>Explosion hazard</b>	Product is not explosive.
<b>Density at 20 °C</b>	0,9 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water</b>	Insoluble

## 10. STABILITY AND REACTIVITY

### Thermal decomposition / conditions to avoid:

No decomposition if used as prescribed.

To avoid thermal decomposition, do not overheat the product.

### Materials to avoid:

Strong oxidants

Strong acids

### Dangerous reactions:

No dangerous reactions known.

### Hazardous decomposition products:

Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>), hydrocarbons, organic acids, aldehyde, ketones, acrolein

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

### Primary irritation:

**to the skin:**

No irritant effect.

**to eyes:**

No irritant effect.

### Sensitisation:

No sensitising effect known.

### Additional toxicological information:

When properly handled and used as intended, the product does not cause any harmful effects according to our experience and the information provided to us.

## 12. ECOLOGICAL INFORMATION

### Ecotoxic effects:

None known

### Notes:

Can be mechanically separated in sewage treatment plants.

### General information:

Generally not hazardous for water.

## 13. DISPOSAL CONSIDERATIONS

### Product:

### Recommendation:

Must not be disposed of together with household waste. Do not allow product to reach sewage system.

### European Waste Catalogue

The allocation of waste code numbers, according to the European Waste Directory, should be carried out specific to the industry and process.

### Recommendation:

Dispose of in compliance with the official regulations.

## 14. TRANSPORT INFORMATION

<b>GGVS/GGVE:</b>	None	<b>RID/ADR:</b>	None
<b>IMCO Code:</b>	None	<b>UN No.:</b>	None
<b>IATA No.:</b>	None		

No dangerous good according to above mentioned regulations.

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### 15. REGULATORY INFORMATION

#### Labelling in accordance with EC Directives:

**Hazard symbol:** Not applicable

**Hazard warning labelling:** Not applicable

**National regulations:**

Störfallverordnung (Statutory Order on Hazardous Incidents):

Störfallverordnung (Statutory Order on Hazardous Incidents), Annex: Not mentioned

Classification according to  
Betriebssicherheitsverordnung  
(BetrSichV = Operational Safety Ordinance):  
Water hazard class:

-  
Generally not hazardous for water.

### 16. OTHER INFORMATION

The information given above is based on our present level of knowledge and does not constitute an assurance of properties. No claim is made to exhaustiveness. The information should only be considered a general guideline. Existing laws and regulations must be observed by the recipients of our product at their own responsibility. The company cannot be held responsible for damage resulting from the use of the product.