

Date of issue: 23.08.2005 Replaces Data Sheet of : 06.07.2004

"\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



## 1 Identification of Substance / Preparation and Company

### 1.1 Identification of Substance or Preparation

Trade Name : Regufoam

Use : Vibration absorption and structure borne sound insulation

### 1.2 Company / Undertaking Identification

#### 1.2.1 Address of the Company / Undertaking :

BSW BERLEBURGER SCHAUMSTOFFWERK GMBH, D - 57319 Bad Berleburg, Am Hilgenacker 24

Telephone : 02751 - 803 - 0, Telefax : 02751 - 803 - 109

#### 1.2.2 Responsible :

CHEMCO, Dipl. - Chemikerin R. Fechner, ☎ +49-5254-9575-05

### 1.3 Emergency - Telephone

Information Centre Specialising

in Symptoms of Poisoning

Telephone : ++49 - 30 - 19 240

Emergency - Telephone of

Company / Undertaking

Telephone : 02751 - 803 - 0

## 2 Composition / Information on Ingredients

### 2.1 Chemical Characterisation:

Polyurethane, reaction product between diphenylmethandiisocyanate, prepolymer and polyalcohols

### 2.2 Dangerous Ingredients:

CAS - No. Index - No. EEC - No. Material

m% - range Symbol R - phrases

#### Remarks:

Classification and labelling of a product is indicated under item 15.

Exposure Controls / Personal Protection under item 8

R - phrase(s) under item 16

## 3 Hazards Identification

### 3.1 For Humans (additional information is given under item 11) :

#### 3.1.1 Classification :

The product does not need to be labelled in accordance with EC directives or respective national laws.

#### 3.1.2 Additional advice :

None.

### 3.2 For the Environment :

None.

### 3.3 For Materials:

None.

## 4 First Aid Measures

### 4.1 Inhalation:

After inhalation of product / fumes of fire leave contaminated area and provide for fresh air.

### 4.2 Skin Contact :

n.ap.

### 4.3 Eye Contact :

n.ap.

### 4.4 Ingestion :

n.ap.

### 4.5 Note to Physician:

None.

### 4.6 Special Equipment:

No.

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**5 Fire Fighting Measures**

- 5.1 **Suitable Extinguishing Media :** Foam, dry chemicals, CO<sub>2</sub> and water.
- 5.2 **Extinguishing Media to Avoid :** None.
- 5.3 **Fire and Explosion Hazards :**  
 In case of fire, product may form: Organic crackproducts, carbon oxides, nitrogenoxides and Hydrogen cyanide.
- 5.4 **Additional Information :** None.
- 5.5 **Special Protective Equipment :**  
 Wear positive pressure self-contained breathing apparatus.  
 Wear full protective clothing.

**6 Accidental Release Measures**

- 6.1 **Personal Precautions :**  
 See No. 8.3 Personal Protective Equipment.
- 6.2 **Environmental Precautions and Methods for Cleaning up :**  
 Not containing any hazardous waste. Ne contient pas des déchets spéciaux. Take up mechanically Can be disposed of or incinerated together with household refuse in accordance with the regulations after consultation with the disposal agency and the relevant authorities.
- 6.3 **Further Information :** None.

**7 Handling and Storage** (For national regulations refer to item 15.2)

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling :**  
 None.
- 7.1.2 **Precautions in Case of Fire and Explosion :**  
 No special measures necessary.
- 7.2 **Storage**
- 7.2.1 **Storage Instructions :**  
 No special measures necessary.
- 7.2.2 **Store away from :**  
 Store apart from flammable liquids.
- 7.2.3 **Further Information on Storage Conditions :**  
 None.
- 7.2.4 **Storage Class :** 11 (VCI - Concept)

**8 Exposure Controls and Personal Protection**

- 8.1 **Information on System Design :**  
 Provide personal protective equipment.
- 8.2 **Exposure Limits:**
- 8.2.1 **CAS / Material** **Limit Value according to TRGS 900/ EEC Guidline 2000/39:**
- 8.3 **Personal Protective Equipment**
- 8.3.1 **General Protection and Hygiene :**  
 Not relevant
- 8.3.2 **Respiratory Protection :** No.
- 8.3.3 **Hand Protection :** No.
- 8.3.4 **Eye Protection :** No.
- 8.3.5 **Skin Protection :** No.
- 8.3.6 **Further Information :** No.

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**9 Physical and Chemical Properties**

9.1	<b>Appearance</b>		
9.1.1	<b>Form</b> : solid	9.1.2 <b>Colour</b> : Various colors	9.1.3 <b>Odour</b> : odourless
9.2	<b>Safety Relevant Data</b>		
9.2.1	pH-value, undiluted :	n.ap.,	pH-value, 1% aqueous solution : n.ap.
9.2.2	Boiling point / Boiling - range (°C) :	n.ap.,	Melting point / Melting range (°C) : n.av.
9.2.3	Flash point (°C, c.c.) :	n.ap.	
9.2.4	Flammability (EEC A10/A13) :	n.av.	
9.2.5	Ignition temperature (°C) :	n.av.	
9.2.6	Autoflammability (EEC A16) :	n.ap.	
9.2.7	Oxidising properties :	n.ap.	
9.2.8	Explosion hazard :	n.ap.	
9.2.9	Explosion limits (Vol.%) lower :	n.ap.,	upper : n.ap.
9.2.10	Vapour pressure :	n.ap.	
9.2.11	Density (g/ml) :	n.av.	
9.2.12	Solubility (in Water) :	insoluble	Soluble in : n.av.
9.2.13	Partition coefficient, n-Octanol/Water :	n.ap.	
9.2.14	Viscosity :	n.ap.	
9.2.15	Solvent separation test :	n.ap.	
9.2.16	Solvent content (m %) :	n.ap.	
9.2.17	Fat solubility :	n.ap.	
9.3	<b>Further Data</b>		
9.3.1	Thermal decomposition (°C) :	n.av.	
9.3.2	Vapour density (Air = 1) :	n.ap.	
9.3.3	Evaporation rate :	n.ap.	

**10 Stability and Reactivity**

10.1	<b>Conditions to Avoid</b> :
	None.
10.2	<b>Materials to Avoid</b> :
	None.
10.3	<b>Hazardous Decomposition Products</b> :
	No dangerous decomposition products when properly handled.
10.4	<b>Further Information</b> :
	None.

**11 Toxicological Information**

11.1	<b>Toxicological Tests</b> :
11.1.1	<b>Acute Health Effects</b> :
	Inhalation, LC <sub>50</sub> rat, (mg/l/4h) : n.ap.
	Ingestion, LD <sub>50</sub> rat, (mg/kg) : n.av.
	Skin - contact, LD <sub>50</sub> rat, (mg/kg) : n.ap.
	Irritation (to skin / eye) : n.ap.
	Sensitisation : n.av.
11.1.2	<b>Subacute / Chronic Toxicity</b> :
	Carcinogenicity : No.
	Mutagenicity : No.
	Teratogenicity : No.
	Narcotic Effects : No.
11.2	<b>Practical Experience</b>
11.2.1	Observations relevant for classification :
	None.
11.2.2	Further Observations :
	None.
11.3	<b>General Remarks</b> :
	It is a product according to § 3 of Chemical Law (Chemikaliengesetz).

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**12 Ecological Information**

- 12.1 **Elimination (Persistence and Degradability) :**  
 The product is insoluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation. (wasserunlöslich)
- 12.2 **Behaviour in Sewage Works :**  
 Mobility and Accumulation Potential :  
 Does not bioaccumulate
- 12.3 **Ecotoxic Effects, Aquatic Toxicity :**  
 None.
- 12.4 **Other Ecological Information**
  - 12.4.1 COD-Value, mg/g : n.av.
  - 12.4.2 BOD<sub>5</sub>-Value, mg/g : n.av.
  - 12.4.3 AOX-Remarks : n.ap.
  - 12.4.4 Significant Components : None.

**13 Disposal Considerations** (For national Regulations refer to item 15.)

- 13.1 **Residues**
  - 13.1.1 Recommendation : D 1 / D 10 Waste - Code - No. : 07 02 99  
 In addition comply with the regional authorities.
  - 13.1.2 Safe Handling: See item 7 and 15.
- 13.2 **Contaminated Packaging**
  - 13.2.1 Recommendation : Wash with suitable cleaner. Otherwise as described under Residues.
  - 13.2.2 Safe Handling : As described under Residues.

**14 Transport Information**

- 14.1 **Transportation by Road or Railway according to ADR/GGVS and RID/GGVE**  
**Remarks : No dangerous goods according to ADR**  
 Class : Classification : Packing Group :  
**Instructions for Transportation in Tanks : Hazard-No. :** UN-No. :  
 14.1.1 **Instruction Concerning Shipper's Declaration and Packaging :**  

Volume or Mass	Description of Goods	Risklabel Packing - Code or marginal
- 14.1.2 **Listed Cargo as per Appendix B.8 :**
- 14.1.3 **Additional Designation in the Shipper's Declaration :**  
**Inscription on Packaging :**
- 14.2 **Classification for Transportation by Inland-Navigation according to ADNO/GGVBinSch**  
**Remarks : Classification has not been done.**  
 Class : Division : Category :
- 14.2.1 **Description of Goods :**
- 14.2.2 **Remarks :**
- 14.3 **Classification for Transportation by Vessels according to IMDG/GGVSee**  
**Remarks : No dangerous goods according to IMDG**  
 Class : UN-No. : Packing Group :  
 14.3.1 **EmS-Fire / Leak :** MFAG-Table :  
 14.3.2 **Marine Pollutant :**  
 14.3.3 **Instruction for Declaration and Labelling :**  
 (Packing sizes with possible exemptions not considered)  
**Proper Shipping Name :**  
**Risk Label :**
- 14.3.4 **Remarks :**

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**14.4 Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI**

**Remarks : No dangerous goods according to IATA-DGR**

Class : UN-No. : Packing Group :

**14.4.1 Instruction for Declaration and Labelling :**

(Packing sizes with possible exemptions not considered)

**Proper Shipping Name :**

**Risk Label :**

Packing Instructions, Passenger : Cargo :

**14.4.2 Remarks :**

**15 Regulatory Information**

**15.1 Classification according to EEC-Regulations :**

Classification required by EEC : No.

Applicable Exemptions :

Hazard Identification :

Hazard Symbol(s) :

Component(s) :

**R-Phrases :**

**S-Phrases :**

Additional Markings :

None.

15.1.1 The above mentioned classification is valid for distribution to industrial user/private consumer.  
 Labelling (formats, exemptions, additional markings) has to be done according to respective regulations.

**16 Other Information**

**R-phrase(s) :**

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Further information to work out the Data sheet:**

Data of the producer.

\*The statements in this Material Safety Data Sheet were made to the best of our knowledge (1999/45/EC and 2004/73/EC) and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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