

Northern Office:  
Unit 4 Eagle Park  
Eagle Park Drive  
Warrington, WA2 8JA  
t: 01925 577711  
f: 01925 577733

Southern Office:  
Dugard House  
Peartree Road  
Colchester, CO3 0UL  
t: 01206 216690  
f: 01206 577954

e: info@cmsacoustics.co.uk  
www.cmsacoustics.co.uk



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## Safety Data Sheet in Accordance with 2001/58/EEC Page 1 of 5

Date of issue: 06.07.2004 Replaces Data Sheet of : 28.04.2003

\*\*\* 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:** REGUPOL 4515 Multi

**Use:** Elastic coating, step - sound - absorber under practical floor covering

#### 1.2 Company /Undertaking Identification

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

BSW BERLEBURGER SCHAUMSTOFFWERKGMBH,D - 57319 Bad Berleburg, AmHilgenacker  
24Telephone : 02751 - 803 - 0, Fax : 02751 - 803 - 109

##### 1.2.2 :

CHEMCO,Dipl. - ChemikerinR. Fechner, Schulzenhof 53,D - 33106 Paderborn

#### 1.3 Emergency - Telephone

Information Centre Specialising Emergency - Telephone of  
in Symptoms of Poisoning Company /Undertaking  
Telephone: ++49 - 30 - 19 240 Telephone : 02751 - 803 - 0

### 2 Composition / Information on Ingredients

#### 2.1 Chemical Characterisation:

Polyurethane - foam-mixture

#### 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 item15.  
Exposure Controls / Personal Protection under item8  
R-phrase(s) under item 16

#### Hazards Identification

#### 3.1 For Humans:

##### 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:

Not applicable.

#### 4.3 Eye Contact:

Not applicable.

#### 4.4 Ingestion:

Not applicable.

#### 4.5 Note to Physician:

None.

#### 4.6 Special Equipment:

No.

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**Trade name:** Regupol 4515 Multi

**Manufacturer:** BSW GMBH

**Date of issue:** 06.07.2004 **Replaces Data Sheet of:** 28.04.2003

### 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 crack products, carbon oxides, nitrogenoxides and sulphurous oxides.

5.4 **Additional Information:** Fire will produce indifferent smoke.

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. 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:**

Keep away from sources of ignition, sparks and flames.

7.2 **Storage**

7.2.1 **Storage Instructions:**

No special measures required.

7.2.2 **Store away from:**

Store away from flammable and oxidizing substances.

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 **Material Limit Value according to TRGS 900/ EEC Guideline 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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**Trade name:** Regupol 4515 Multi

**Manufacturer:** BSW GMBH

**Date of issue:** 06.07.2004 **Replaces Data Sheet of:** 28.04.2003

### 9 Physical and Chemical Properties

#### 9.1 Appearance

9.1.1 **Form:** solid

9.1.2 **Colour:** black –mottled

9.1.3 **Odour:** rubber - like

9.2 Flash point (°C, c.c.): n.av.

9.2.4 Flammability (EEC A10/A13): n.ap.

9.2.5 Ignition temperature (°C): > 250

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): ~ 0,66

9.2.12 Solubility (in Water): insoluble

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 Further Data

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 **Conditions to Avoid:** None.

10.2 **Materials to Avoid:** None.

10.3 **Hazardous Decomposition Products:**

No dangerous decomposition products when properly handled.

10.4 **Further Information:** None.

### 11 Toxicological Information

#### 11.1 Toxicological Tests:

##### 11.1.1 Acute Health Effects:

Inhalation, LC50 rat, (mg/l/4h): n.av.

Ingestion, LD50 rat, (mg/kg): n.av.

Skin - contact, LD50 rat, (mg/kg): n.av.

Irritation (to skin / eye): n.av.

Sensitisation: Not sensitizing.

##### 11.1.2 Subacute /Chronic Toxicity:

Carcinogenicity: No.

Mutagenicity: No.

Teratogenicity: No.

Narcotic Effects: No.

#### 11.2 Practical Experience

11.2.1 Observations relevant for classification:

None.

11.2.2 Further Observations:

None.

#### 11.3 General Remarks:

This product is an article according to § 3Chemikaliengesetz. (Chemical Law)

## Safety Data Sheet in Accordance with 2001/58/EEC page 4 of 5

**Trade name:** Regupol 4515 Multi

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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.

#### 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 item15.)

#### 13.1 Residues

13.1.1 Recommendation: D 1 /D 10 (91/156/EWG) Waste - Code - No. : 07 02 99

In addition comply with the regional authorities.

13.1.2 Safe Handling: See item7 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 Code: Packaging 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 Risk label Packing - Code or marginal**

14.1.2 **Listed Cargo as per AppendixB.8:** n.ap.

14.1.3 **Additional Designation in the Shipper's Declaration: Inscription on Packaging:** n.ap.

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:**

Northern Office:  
Unit 4 Eagle Park  
Eagle Park Drive  
Warrington, WA2 8JA  
t: 01925 577711  
f: 01925 577733

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t: 01206 216690  
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### 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 abovementioned classification is valid for distribution to industrial user.

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 2001/59) 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.

Prepared by :CHEMCO,Dipl. - ChemikerinR. Fechner, Schulzenhof 53,D - 33106 Paderborn, fv ++ 49-5254-9575-05  
Receipt of Data : 15.04.2003,