

# Safety data sheet

according to Regulation (EC) No 1907/2006, Annex II

**HAMBERGER**

Hamberger Flooring GmbH & Co. KG  
Tel. 08031 700-0  
Revision: 01.09.2009

D-83071 Stephanskirchen  
Rohrdorfer-Straße 133

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

### 1.1 Identification of the substance or preparation

Silent Eco DS

### 1.2 User of the substance/preparation

Refer to description of material or preparation

### 1.3 Company/undertaking identification

Hamberger Flooring GmbH, Rohrdorfer Straße 133, 83071 Stephanskirchen  
Telephone +49 (0)8031 / 700 -0, e-mail info@haro.de

### 1.4 Telephone number of the company in case of emergencies:

Tel.: +49 (0)5231/60 22-0

## 2. HAZARDS IDENTIFICATION

This is a product.

### 2.1 To people

See point 11 and 15.

Not applicable

### 2.2 To the environment

See point 12.

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
Content %	Symbol	r-phrases	EINECS, ELINCS
	Registration number (ECHA)		
--			
	---	---	

## 4. FIRST AID MEASURES

### 4.1 Inhalation

Not required.

In case of symptoms: Supply person with fresh air and consult doctor according to symptoms.

### 4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

### 4.3 Skin contact

Wash thoroughly with soap and copious water – remove contaminated clothing immediately.  
If skin irritation occurs (redness etc.), consult doctor.

### 4.4 Ingestion

Typically no exposure pathway

### 4.5 Special resources necessary for first aid

n.c.

# Safety data sheet

according to Regulation (EC) No 1907/2006, Annex II

HAMBERGER

Hamberger Flooring GmbH & Co. KG  
Tel. 08031 700-0  
Revision: 01.09.2009

D-83071 Stephanskirchen  
Rohrdorfer-Straße 133

## 5. FIRE-FIGHTING MEASURES

### 5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.

### 5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

### 5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop :

Oxides of carbon

Oxides of nitrogen

Hydrocyanic acid (hydrogen cyanide)

Toxic pyrolysis products.

### 5.4 Special protective equipment for fire-fighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

### 5.5 Further information

Dispose of contaminated extinction water according to official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

### 6.1 Personal precautions

No special measures required.

### 6.2 Environmental precautions

Normally not necessary.

### 6.3 Methods to cleaning up

Collect mechanically and dispose of according to point 13.

## 7. HANDLING AND STORAGE

### 7.1 Handling

#### Tips for safe handling:

See point 6.1

General hygiene measures for the handling of chemicals are applicable

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

### 7.2 Storage

#### Requirements for storage rooms and containers:

Not to be stored in gangways or stair walks.

Store products closed and only in original packing.

### 7.3 Special storage conditions:

See point 10

Store in dry place.

Store at room temperature.

Protect from direct sunlight and warming.

# Safety data sheet

according to Regulation (EC) No 1907/2006, Annex II

**HAMBERGER**

Hamberger Flooring GmbH & Co. KG  
Tel. 08031 700-0  
Revision: 01.09.2009

D-83071 Stephanskirchen  
Rohrdorfer-Straße 133

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

Materials are integrated into the product and should not lead to any exposure under normal handling conditions.

Chemical Name	Calcium carbonate	Content %
WEL-TWA: 4mg/m <sup>3</sup> (respirable dust), 10mg/m <sup>3</sup> (total inhalable dust)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	

Chemical Name	Quartz	Content %
WEL-TWA: 0,1 mg/m <sup>3</sup> (silica, respirable, crystalline)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit – Long-term exposure limit (8-hour TWA (= time weighted average) reference period)

EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

WEL-STEL = Workplace Exposure Limit – Short-term exposure limit (15 minutes reference period).

BGMV = Biological monitoring guidance value EH40.

BGW = "Biologischer Grenzwert" (biological limit value, Germany)

Other information: Sen = Capable of causing occupational asthma.

Sk = Can be absorbed through skin.

Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit of this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction of general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at the end of work.

Keep away from food, drink, and animal feedingstuffs.

Respiratory protection:

Normally not necessary.

Hand protection:

Normally not necessary.

If applicable

Leather gloves

Eye protection:

Normally not necessary.

Skin protection:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Additional information on hand protection – No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested for use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

#### 8.2.2 Environmental exposure controls

n.av.

# Safety data sheet

according to Regulation (EC) No 1907/2006, Annex II

HAMBERGER

Hamberger Flooring GmbH & Co. KG  
Tel. 08031 700-0  
Revision: 01.09.2009

D-83071 Stephanskirchen  
Rohrdorfer-Straße 133

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Colour:	According to specification
Odour:	Neutral
10%ig pH-value:	n.a.
Boiling point/boiling range (°C):	n.a. Decomposition > 200°C
Melting point/melting range (°C):	n.a.
Flash point (°C):	n.a.
Oxidising properties:	No
Vapour pressure:	n.a.
Density (g/ml):	0,9 – 1,2 g/cm <sup>3</sup>
Water solubility:	Insoluble
Viscosity:	n.a.

## 10. STABILITY AND REACTIVITY

### **10.1 Conditions to avoid**

See point 7  
Stable when handled and stored correctly  
Strong heat  
T > 200°C

### **10.2 Materials to avoid**

See point 7  
No dangerous reactions are known.  
Avoid contact with strong oxidizing agents.  
Avoid contact with strong alkalis.  
Avoid contact with strong acids.  
Solvent

### **10.3 Hazardous decomposition products**

See point 5.3  
No decomposition when used as directed.

## 11. TOXICOLOGICAL INFORMATION

### **11.1 Acute toxicity and immediate effects**

Ingestion, LD50 rat oral (mg/kg): n.av  
Inhalation, LC50 rat inhal. (mg/l/4h): n.av  
Skin contact, LC50 rat dermal (mg/kg): n.av  
Eye contact: n.av

### **11.2 Delayed and chronic effects**

Sensitization: n.c.  
Carcinogenicity: n.c.  
Mutagenicity: n.c.  
Reproductive toxicity: n.c.  
Narcosis: n.c.

### **11.3 Further information**

This is a product.  
The product was not tested.  
According to our current state of knowledge, the preparation does not put humans at risk under normal conditions of use.

# Safety data sheet

according to Regulation (EC) No 1907/2006, Annex II

HAMBERGER

Hamberger Flooring GmbH & Co. KG  
Tel. 08031 700-0  
Revision: 01.09.2009

D-83071 Stephanskirchen  
Rohrdorfer-Straße 133

## 12. ECOLOGICAL INFORMATION

The product was not tested.  
Water hazard class (Germany): Not hazardous to water.  
Self classification: No  
Persistence and degradability: It is expected that this polymer solid, which is insoluble in water, behaves inertly in the environment. No significant biodegradation is expected.  
Behaviour in sewage plants: n.av.  
Aquatic toxicity: n.av.  
Ecological toxicity: n.av.  
Accumulation: n.av.

## 13. DISPOSAL CONSIDERATIONS

### **13.1 for the material / preparation / residue**

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances (2001/118/EC, 2001/119/EC, 2001/573/EC) 17 60 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

Recommendation: Pay attention to local and national official regulations Implement substance recycling. E.g. suitable incineration plant.

### **13.2 For contaminated packing material**

See point 13.1

Pay attention to local and national official regulations

Recommendation: Recycling

## 14. TRANSPORT INFORMATION

### **14.1 General statements**

UN-Number: n.a.

### **14.2 Road/rail-transport (ADR/RID)**

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Tunnel restriction code: n.a.

### **14.3 Transport by sea**

IMDG-Code: n.a. (class/packing group)

Marine Pollutant: n.a.

### **14.4 Transport by air**

IATA: n.a. (class/secondary danger/packing group)

### **14.5 Additional information:**

Non-dangerous material according to Transport Regulations.

## 15. REGULATORY INFORMATION

### **Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EWG und 1999/45/EG)**

This is a product.

Symbols: Not applicable

Indications of danger: ---

R-phrases:

S-phrases:

Additions: n.a.

Observe restrictions: n.a.

VOC (1999/13/EC): n.a.

# Safety data sheet

according to Regulation (EC) No 1907/2006, Annex II

**HAMBERGER**

Hamberger Flooring GmbH & Co. KG  
Tel. 08031 700-0  
Revision: 01.09.2009

D-83071 Stephanskirchen  
Rohrdorfer-Straße 133

## 16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 11/13

Revised points: n.a.

### **Legend:**

n.a. = not applicable / n.v.,k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40,

TWA = Long-term exposure limit (8-hour TWA (time weighted average) reference period),

STEL = Short-term exposure limit (15-minute reference period) / BGMV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) – WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)