

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Renotec Roof Coating

**Product no.**

-

**REACH registration number**

Not applicable

**Other means of identification**

-

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

**Relevant identified uses of the substance or mixture**

Coating

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Emalux GmbH  
Werner-von-Siemens-Strasse 6  
D-28832 Achim  
Telephone: + 49 4202 622 330  
Telefax: + 49 4202 615 36  
Tyskland

**E-mail**

Herr Weder - weder@emalux.de

**SDS date**

03-04-2014

**SDS Version**

1.0

### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture 1999/45/EC

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 2.2. Label elements

**Hazard pictogram(s)**

-

**Hazard statement(s)**

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Identity of the substances primarily responsible for the major health hazards**

-

**Safety statement(s)**  
General  
Prevention  
Response

S2 Keep out of the reach of children.

-

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap and water.

-

Storage  
Disposal

S29 Do not empty into drains.

### 2.3. Other hazards

**Additional labelling**

-

#### **Additional warnings**

If swallowed, seek medical advice immediately, as the intestinal flora can be disturbed.  
Do not inhale spray mist.

### **SECTION 3: Composition/information on ingredients**

#### **3.1/3.2. Substances**

Contains no substances subject to reporting requirements.

#### **Other informations**

-

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

##### **General information**

In the case of accident: Contact a doctor or casualty department – take this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue.

##### **Inhalation**

Get the person into fresh air and stay with them.

##### **Skin contact**

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

##### **Eye contact**

Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

##### **Ingestion**

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. If swallowed, seek medical advice immediately, as the intestinal flora can be disturbed.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No special

#### **4.3. Indication of any immediate medical attention and special treatment needed**

No special

##### **Information to medics**

Bring this safety data sheet.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

Fire will produce smoke. Exposure to decomposition products may cause a health hazard.

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

Wear self-contained breathing apparatus and protective clothing to prevent contact.

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

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

Refer to protective measures listed in sections 7 and 8.

#### **6.2. Environmental precautions**

Do not discharge into drains or rivers.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

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

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation.

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

Always store in containers of the same material as the original. Product is not flammable. Never use pressure to empty container — not a pressure vessel. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from strongly acidic and alkaline materials as well as oxidizers. Refer to special instructions/safety data sheet. Protect from heat and direct sunlight.

#### Storage temperature

Protect from frost

### 7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### DNEL / PNEC

No data available.

### 8.2. Exposure controls

No control is necessary if the product is used in a normal way.

#### General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

#### Exposure limits

There are no maximum exposure limits for the substances contained in this product.

#### Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

#### Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment



#### Generally

Only CE-marked personal protection equipment should be used.

#### Respiratory Equipment

Use suitable respiratory protective device when aerosol or mist is formed.

#### Skin protection

Suitable work clothing

#### Hand protection

Wear suitable protective gloves EN 374.

#### Eye protection

Risk of contact: Wear approved safety goggles.

## SECTION 9: Physical and chemical properties

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

Form	Colour	Odour	pH	Viscosity	Density (g/cm <sup>3</sup> )
Liquid	Various	characteristic	8-8,5	-	1,35

#### Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (Pa)
-	100	-

#### Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	Not self-igniting

Explosion limits (Vol %)	Oxidizing properties
Not explosives	-

#### Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

### 9.2. Other information

Solubility in fat	Additional information
-	N/A

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight).

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidising agents, and strong catabolic agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance	Species	Test	Route of exposure	Result
No data available.				

#### Skin corrosion/irritation

No data available.

#### Serious eye damage/irritation

No data available.

#### Respiratory or skin sensitisation

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

No data available.

#### STOT-single exposure

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

No data available.

#### Long term effects

This product has not been tested. According to 1999/45/EC: If used correctly, no harmful effects are known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Species	Test	Test duration	Result
No data available.				

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data available.			

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
No data available.			

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

This product is covered by the regulations on dangerous waste.  
Dispose of according to all national and local applicable regulations.

#### Waste

EWC code  
08 01 12

#### Specific labelling

-

#### Contaminated packing

No specific requirements.

## SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

### 14.1 – 14.4

ADR/RID	14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group		Notes	
IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent
-							

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

-

#### Demands for specific education

-

#### Additional information

-

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information'

### Sources

EC regulation 1907/2006 (REACH)  
Directive 2000/532/EC  
EC Regulation 1272/2008 (CLP)

### The full text of identified uses as mentioned in section 1

-

### Other symbols mentioned in section 2

-

### Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

### Date of last essential change (First cipher in SDS version)

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### Date of last minor change (Last cipher in SDS version)

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