

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

### 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Renopatch STANDARD CURE - PART B
- **Application of the substance / the preparation** Polyurethane resin
- **Manufacturer/Supplier:**  
Renoline  
Tel: 020 3253 2001
- **Further information obtainable from:** Renoline
- **Information in case of emergency:** Tel: 020 3253 2001

### 2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**  
R 38 Irritating to skin.  
R 41 Risk of serious damage to eyes.

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 1344-09-8	Sodium silicate	Xi; R 38-41	25-50%
EINECS: 215-687-4			

### 4 First-aid measures

- **After inhalation:** Supply fresh air.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:**  
Rinse opened eye for 15 minutes under running water.  
Seek immediate medical advice.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:** Not applicable - incombustible product

### 6 Accidental release measures

- **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or any water course.

(Contd. on page 2)

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2008

Revision: 28.05.2008

· **Trade name: Renopatch STANDARD CURE - PART B**

(Contd. of page 1)

- **Measures for cleaning/collecting:**  
Send for recovery or disposal in suitable receptacles.  
Clean the affected area carefully; suitable cleaners are:  
Warm water

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Inform personnel of risks associated with the product, the precautions to be taken and procedures to follow where an accident occurs.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Use only receptacles specifically permitted for this substance/product.
- **Information about storage in one common storage facility:** Do not store together with acids.
- **Further information about storage conditions:**  
Protect from frost.  
Keep receptacle tightly sealed.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
Natural rubber, NR  
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.
- **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:**



Safety glasses

(Contd. on page 3)

**Safety Data Sheet**  
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(Contd. of page 2)

- Tightly sealed goggles  
· **Body protection:** Protective work clothing

### 9 Physical and chemical properties

· **General Information**

**Form:** Fluid  
**Colour:** Colourless  
**Odour:** Characteristic

· **Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 100°C

- **Flash point:** Not applicable.  
· **Self-igniting:** Product is not selfigniting.  
· **Danger of explosion:** Product does not present an explosion hazard.  
· **Density at 20°C:** 1.5 g/cm<sup>3</sup>  
· **Solubility in / Miscibility with water:** Soluble.

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.  
· **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**  
· **Primary irritant effect:**  
· **on the skin:** Irritant to skin and mucous membranes.  
· **on the eye:** Strong irritant with the danger of severe eye injury.  
· **Sensitization:** No sensitizing effects known.

### 12 Ecological information

- **Information about elimination (persistence and degradability):**  
· **Other information:** The product is difficultly biodegradable.  
· **General notes:** At present there are no ecotoxicological assessments.

### 13 Disposal considerations

- **Product:**  
· **Recommendation** Waste disposal following all applicable local and/or national regulations.  
· **European waste catalogue**

06 02 99	wastes not otherwise specified
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(Contd. on page 4)

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(Contd. of page 3)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

#### 14 Transport information

- **Transport/Additional information:** Not dangerous according to the above specifications.

#### 15 Regulatory information

- **Labelling according to EU guidelines:**  
The product has been marked in accordance with EU Directives / respective national laws.
- **Code letter and hazard designation of product:**  
Xi Irritant
- **Hazard-determining components of labelling:**  
Sodium silicate
- **Risk phrases:**  
38 Irritating to skin.  
41 Risk of serious damage to eyes.
- **Safety phrases:**  
23 Do not breathe gas/fumes/vapour/spray.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.  
60 This material and its container must be disposed of as hazardous waste.
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

#### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant R-phrases**  
38 Irritating to skin.  
41 Risk of serious damage to eyes.
- **Department issuing MSDS:** Product Safety and Toxicology
- **Contact:**