



## Safety Data Sheet according to Regulation (EC) No 1907/2006

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SDS No. : 75648  
V003.0

TEROSON RB IX

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

#### 1.1. Product identifier

TEROSON RB IX

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

Intended use:  
Sealant

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

Henkel AG & Co. KGaA  
Henkelstr. 67  
40589 Düsseldorf

Germany

Phone: +49 211 797 0  
Fax-no.: +49 211 798 2009

ua-productsafety.de@henkel.com

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

**Supplemental information** EUH210 Safety data sheet available on request.

#### 2.3. Other hazards

None if used properly.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General chemical description:**

sealant, solvent-free, permanently ductile

**Base substances of preparation:**

Synthetic rubber

Mineral fillers

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No.  | EC Number<br>REACH-Reg No. | content  | Classification            |
|--|----------------------------|----------|---------------------------|
| Quartz (SiO <sub>2</sub> ) "respirable particulates (reaches the alveoli)" (RCS) >=1% - <10%<br>14808-60-7 | 238-878-4                  | 1- < 5 % | STOT RE 2<br>H373         |
| Polyisobutylene<br>9003-27-4   |                            | 1- < 5 % | Aquatic Chronic 4<br>H413 |

For full text of the H - statements and other abbreviations see section 16 "Other information".

Substances without classification may have community workplace exposure limits available.

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

Move to fresh air, consult doctor if complaint persists.

**Skin contact:**

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

**Eye contact:**

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:**

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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

No data available.

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

See section: Description of first aid measures

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media:**

All common extinguishing agents are suitable.

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

In case of fire toxic gases can be released.

**5.3. Advice for firefighters**

Wear protective equipment.

Wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

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

Ensure good ventilation/extraction.

Protect from direct sunlight.

Store in a cool, dry place.

Temperatures between + 5 °C and + 35 °C

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Sealant

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure Limits**Valid for  
Germany

| Ingredient [Regulated substance]  | ppm | mg/m <sup>3</sup> | Value type                          | Short term exposure limit category / Remarks      | Regulatory list |
|---|-----|-------------------|-------------------------------------|---|-----------------|
| Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )<br>14807-96-6 |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect. | TRGS 900        |
| Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )<br>14807-96-6 |     | 1,25              | Exposure limit(s):                  |   | TRGS 900        |
| Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )<br>14807-96-6 |     | 10                | Exposure limit(s):                  | 2   | TRGS 900        |
| Barium sulfate<br>7727-43-7   |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect. | TRGS 900        |
| Barium sulfate<br>7727-43-7   |     | 10                | Exposure limit(s):                  | 2   | TRGS 900        |
| Barium sulfate<br>7727-43-7   |     | 1,25              | Exposure limit(s):                  |   | TRGS 900        |
| Titanium dioxide<br>13463-67-7  |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect. | TRGS 900        |
| Titanium dioxide<br>13463-67-7  |     | 1,25              | Exposure limit(s):                  |   | TRGS 900        |
| Titanium dioxide<br>13463-67-7  |     | 10                | Exposure limit(s):                  | 2   | TRGS 900        |

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P (EN 14387).

This recommendation should be matched to local conditions.

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR;  $\geq 1$  mm thickness) or natural rubber (NR;  $\geq 1$  mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR;  $\geq 1$  mm thickness) or natural rubber (NR;  $\geq 1$  mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Protective goggles

Protective eye equipment should conform to EN166.

Skin protection:

Wear protective equipment.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

Use only personal protection that's CE-labelled according to Directive 89/686/EEC (Europe) or to Regulation No. 819 of 19 August 1994 (Norway).

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|   |   |
|---|---|
| Appearance  | solid material<br>plastic<br>light grey |
| Odor  | slightly, of mineral<br>oil             |
| Odour threshold   | No data available / Not applicable      |
| pH  | No data available / Not applicable      |
| Initial boiling point                                       | No data available / Not applicable      |
| Flash point   | Not applicable                          |
| Decomposition temperature                                   | No data available / Not applicable      |
| Vapour pressure   | No data available / Not applicable      |
| Density<br>(23 °C (73.4 °F))                                | 1,7 g/cm <sup>3</sup>                   |
| Bulk density  | No data available / Not applicable      |
| Viscosity   | No data available / Not applicable      |
| Viscosity (kinematic)                                       | No data available / Not applicable      |
| Explosive properties  | No data available / Not applicable      |
| Solubility (qualitative)<br>(20 °C (68 °F); Solvent: Water) | Insoluble                               |
| Solidification temperature                                  | No data available / Not applicable      |
| Melting point   | No data available / Not applicable      |

|  |                                    |
|--|------------------------------------|
| Flammability                           | No data available / Not applicable |
| Auto-ignition temperature              | No data available / Not applicable |
| Explosive limits                       | No data available / Not applicable |
| Partition coefficient: n-octanol/water | No data available / Not applicable |
| Evaporation rate                       | No data available / Not applicable |
| Vapor density                          | No data available / Not applicable |
| Oxidising properties                   | No data available / Not applicable |

## 9.2. Other information

No data available / Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None if used for intended purpose.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

None if used for intended purpose.

### 10.5. Incompatible materials

None if used properly.

### 10.6. Hazardous decomposition products

No decomposition if used according to specifications.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

#### Acute oral toxicity:

| Hazardous components<br>CAS-No. | Value<br>type | Value         | Route of<br>application | Exposure<br>time | Species | Method |
|---------------------------------|---------------|---------------|-------------------------|------------------|---------|--------|
| Polyisobutylene<br>9003-27-4    | LD50          | > 5.000 mg/kg | oral                    |                  | rat     |        |

#### Acute inhalative toxicity:

| Hazardous components<br>CAS-No. | Value<br>type | Value | Route of<br>application | Exposure<br>time | Species | Method |
|---------------------------------|---------------|-------|-------------------------|------------------|---------|--------|
|---------------------------------|---------------|-------|-------------------------|------------------|---------|--------|

#### Acute dermal toxicity:

| Hazardous components<br>CAS-No. | Value<br>type | Value | Route of<br>application | Exposure<br>time | Species | Method |
|---------------------------------|---------------|-------|-------------------------|------------------|---------|--------|
|---------------------------------|---------------|-------|-------------------------|------------------|---------|--------|

## SECTION 12: Ecological information

#### General ecological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Do not empty into drains, soil or bodies of water.

**12.1. Toxicity**

| Hazardous components<br>CAS-No. | Value<br>type | Value        | Acute<br>Toxicity<br>Study | Exposure<br>time | Species        | Method  |
|---------------------------------|---------------|--------------|----------------------------|------------------|----------------|---|
| Polyisobutylene<br>9003-27-4    | LC50          | > 100 mg/l   | Fish                       | 96 h             | Leuciscus idus | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)                        |
| Polyisobutylene<br>9003-27-4    | EC0           | > 1.000 mg/l | Bacteria                   | 3 h              |                | OECD Guideline<br>209 (Activated<br>Sludge, Respiration<br>Inhibition Test) |

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential / 12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

| Hazardous components<br>CAS-No.  | PBT/vPvB  |
|--|---|
| Quartz (SiO <sub>2</sub> ) "respirable particulates (reaches the alveoli)" (RCS) >=1% - <10%<br>14808-60-7 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Polyisobutylene<br>9003-27-4   | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

**12.6. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

08 04 09 Waste adhesives and sealants containing organic solvents or other dangerous substances

**SECTION 14: Transport information**

- 14.1. UN number**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.2. UN proper shipping name**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.3. Transport hazard class(es)**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.4. Packing group**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.5. Environmental hazards**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.6. Special precautions for user**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**  
not applicable

**SECTION 15: Regulatory information**

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

VOC content 0 %  
(VOCV 814.018 VOC regulation  
CH)

**VOC Paints and Varnishes (EU):**

Product (sub)category: This product is not a subject of the Directive 2004/42/EC

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**National regulations/information (Germany):**

WGK: 1, slightly water-endangering product. (German VwVwS of July 27, 2005 )  
Classification in conformity with the calculation method  
Storage class according to TRGS 510: 11

## SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H373 May cause damage to organs through prolonged or repeated exposure.

H413 May cause long lasting harmful effects to aquatic life.

**Further information:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**