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

1.1 Product identifier
   Trade name
   Fonterra Reno / Reno XL Grundierung

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Relevant identified uses of the substance or mixture
   primer-surfacer

1.3 Details of the supplier of the safety data sheet
   Address
   Viega GmbH & Co. KG
   Viega Platz 1
   57439 Attendorn
   Telephone no. +49 2722 610
   Fax no. + 49 2722 611415
   Information provided by / telephone
   +49 180 361-6062
   Advice on Safety Data Sheet
   sdb_info@umco.de

1.4 Emergency telephone number
   For medical advice (in German and English):
   +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
   Classification information
   This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

2.2 Label elements
   Supplemental label elements
   "Safety data sheet available for professional user on request".

2.3 Other hazards
   No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances
   Not applicable. The product is not a substance.

3.2 Mixtures
   Chemical characterization
   aqueous dispersion of synthetic resin based on polystyrene-acrylate with mineral fillers

   Hazardous ingredients

<table>
<thead>
<tr>
<th>No</th>
<th>Substance name</th>
<th>Additional information</th>
<th>Concentration</th>
<th>%-b.w.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CAS / EC / Index / REACH no</td>
<td>Classification 67/548/EEC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2-amino-2-methylpropanol</td>
<td>Xi; R36/38</td>
<td>&gt; 1.00 - &lt; 2.50</td>
<td>% b.w.</td>
</tr>
</tbody>
</table>

Full Text for all R-phrases: pls. see section 16
SECTION 4: First aid measures

4.1 Description of first aid measures

General information
In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

After inhalation
Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact
Wash off immediately with soap and water.

After eye contact
Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

After ingestion
Seek medical advice immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting.

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
No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Extinguishing measures to suit surroundings.

Unsuitable extinguishing media
No data available.

5.2 Special hazards arising from the substance or mixture
None known

5.3 Advice for firefighters
Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment. Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Refer to protective measures listed in sections 7 and 8.

For emergency responders
No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions
Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up
Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). When picked up, treat material as prescribed under heading "Disposal considerations".

6.4 Reference to other sections
No data available.
SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
No special measures necessary if stored and handled as prescribed.

General protective and hygiene measures
Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately.

Advice on protection against fire and explosion
No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
No special measures necessary.

Recommended storage temperature
Value     5 - 30 °C

Requirements for storage rooms and vessels
Containers which are opened must be carefully closed and kept upright to prevent leakage.

Advice on storage assembly
None known; Do not store together with foodstuffs.

7.3 Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
No parameters available for monitoring.

8.2 Exposure controls

Appropriate engineering controls
No data available.

Personal protective equipment

Respiratory protection
If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection
Safety glasses (EN 166)

Hand protection
In case of intensive contact, wear protective gloves (EN 374). Check in any case suitability of protective glove for the specific workplace conditions (e.g. mechanical resistance, product compatibility, antistatic properties). Adhere to the manufacturer’s instructions and information relating to the use, storage, care and replacement of protective gloves. In case of short-term contact / splash protection:

Appropriate Material neoprene (DIN EN 143)
Appropriate Material PVC

Other
Normal chemical work clothing.

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Form/Colour</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>milky white</td>
<td></td>
</tr>
</tbody>
</table>
### Odour
- **mild**

### Odour threshold
- No data available

### pH value
<table>
<thead>
<tr>
<th>Value</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method</td>
<td>DIN 19261</td>
</tr>
</tbody>
</table>

### Boiling point / boiling range
| Value | 100 °C |

### Melting point / melting range
| Value | 0 °C |

### Decomposition point / decomposition range
- No data available

### Flash point
- Not applicable

### Ignition temperature
- Not applicable

### Auto-ignition temperature
- No data available

### Oxidising properties
- none

### Explosive properties
- No data available

### Flammability (solid, gas)
- No data available

### Lower flammability or explosive limits
- No data available

### Upper flammability or explosive limits
- No data available

### Vapour pressure
<table>
<thead>
<tr>
<th>Value</th>
<th>23 hPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference temperature</td>
<td>20 °C</td>
</tr>
<tr>
<td>Method</td>
<td>DIN 51640</td>
</tr>
</tbody>
</table>

### Vapour density
- No data available

### Evaporation rate
- No data available

### Relative density
- No data available

### Density
<table>
<thead>
<tr>
<th>Value</th>
<th>1.05 g/cm³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference temperature</td>
<td>20 °C</td>
</tr>
<tr>
<td>Method</td>
<td>DIN 51757</td>
</tr>
</tbody>
</table>

### Solubility in water
- Completely miscible
Section 10: Stability and reactivity

10.1 Reactivity
No data available.

10.2 Chemical stability
No data available.

10.3 Possibility of hazardous reactions
No data available.

10.4 Conditions to avoid
None, if handled according to order.

10.5 Incompatible materials
None known.

10.6 Hazardous decomposition products
No hazardous decomposition products known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity
No data available

Acute dermal toxicity
No data available

Acute inhalational toxicity
No data available

Skin corrosion/irritation
Evaluation: non-irritant

Serious eye damage/irritation
Evaluation: non-irritant

Respiratory or skin sensitisation
Route of exposure: Skin
Evaluation: non-sensitising
SECTION 12: Ecological information

12.1 Toxicity

Fish toxicity
No data available.

Daphnia toxicity
No data available.

Algae toxicity
No data available.

Bacteria toxicity
No data available.

12.2 Persistence and degradability
No data available.

12.3 Bioaccumulative potential
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
No data available.

12.7 Other information
Ecological data are not available.
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

<table>
<thead>
<tr>
<th>Product</th>
<th>Waste code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>080119*</td>
<td>Aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances</td>
</tr>
</tbody>
</table>

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.
Packaging
Recommended cleansing agent Water
Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN
The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG
The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA
The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information
No data available.

14.5 Environmental hazards
Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.

14.6 Special precautions for user
No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant

SECTION 15: Regulatory information

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

<table>
<thead>
<tr>
<th>EU regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remarks</td>
</tr>
</tbody>
</table>

15.2 Chemical safety assessment
No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:
- National Threshold Limit Values of the corresponding countries as amended in each case.
- Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)
- R36/38 Irritating to eyes and skin.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing safety data sheet
UMCO Umwelt Consult GmbH
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Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: umco@umco.de
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