

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Silicone Rubber VTN 6001 Base

Revision 0

Revision date 2012-08-14

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

1.1. Product identifier

| | |
|--------------|-------------------------------|
| Product name | Silicone Rubber VTN 6001 Base |
|--------------|-------------------------------|

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

| | |
|-------------|---|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU0] Other; [PC0] Other; |
|-------------|---|

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|---|
| Company | Renishaw plc |
| Address | Whitebridge Way, Whitebridge Park, Stone, Staffordshire ST15 8LQ United Kingdom |
| Web | www.renishaw.com |
| Telephone | +44 (0)1785 815651 |
| Fax | +44 (0)1785 812115 |
| Email | msds@renishaw.com |
| Email address of the competent person | msds@renishaw.com |

1.4. Emergency telephone number

| | |
|----------------------------|----------------------------|
| Emergency telephone number | +44 (0)1785 815651 |
| Company | MSDS Renishaw 0800-1700 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------|-----------------------|
| Main hazards | No Significant Hazard |
|--------------|-----------------------|

2.2. Label elements

| | |
|--------------|------------------------|
| Risk phrases | No Significant Hazard. |
|--------------|------------------------|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|------------------|-----------|---------|--------|---------------------------|--------------|----------------|
| Silicone Polymer | | | | | 80 - 90% | |

| | |
|--|--|
| | Characteristic. Chemical Name. Silicone. |
|--|--|

Further information

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| | |
|---|--|
| Further information | |
| No Significant Hazard | The product is classified as non hazardous. |
| SECTION 4: First aid measures | |
| 4.1. Description of first aid measures | |
| Inhalation | No known adverse health effects. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes. |
| Skin contact | Remove contaminated clothing. Wash off immediately with plenty of soap and water. |
| Ingestion | DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |
| SECTION 5: Firefighting measures | |
| 5.1. Extinguishing media | |
| | Carbon dioxide (CO2). Dry chemical. Foam. Water spray. |
| 5.2. Special hazards arising from the substance or mixture | |
| | Carbon oxides. Silica. |
| SECTION 6: Accidental release measures | |
| 6.1. Personal precautions, protective equipment and emergency procedures | |
| | Use appropriate personal protective equipment. |
| 6.2. Environmental precautions | |
| | Do not allow runoff water to enter sewers or drains. |
| 6.3. Methods and material for containment and cleaning up | |
| | Absorb with inert, absorbent material. |
| SECTION 7: Handling and storage | |
| 7.1. Precautions for safe handling | |
| | Avoid contact with eyes. Avoid contact with skin. Keep container in a well-ventilated place. |
| 7.2. Conditions for safe storage, including any incompatibilities | |
| Suitable packaging | Keep away from sources of ignition - No smoking. Keep container tightly closed and dry. Keep container tightly closed and in a well-ventilated place. Keep container tightly closed in a cool place. Moisture. Protect from frost. Keep container tightly closed and dry. Keep container tightly closed in a cool place. Store in original container. |
| SECTION 8: Exposure controls/personal protection | |
| 8.2. Exposure controls | |
| |  |
| SECTION 9: Physical and chemical properties | |
| 9.1. Information on basic physical and chemical properties | |

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9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|----------------------------|
| State | Paste |
| Colour | Colourless |
| Odour | Characteristic |
| pH | Not applicable. |
| Melting point | No data available |
| Freezing Point | No data available |
| Boiling point | No data available |
| Flash point | > 100 °C |
| Evaporation rate | No data available |
| Flammability limits | No data available |
| Vapour Flammability | No data available |
| Vapour pressure | Not applicable. |
| Vapour density | Not applicable. |
| Relative density | = 1.09 (Water = 1 @ 20 °C) |
| Fat Solubility | No data available |
| Partition coefficient | Not applicable. |
| Autoignition temperature | Not applicable. |
| Viscosity | = 62 mPas (Cone & Plate) |
| Explosive | Not applicable. |
| Oxidising | Not applicable. |
| Solubility | = Insoluble in water |

9.2. Other information

| | |
|---|-------------------|
| Conductivity | Not determined |
| Surface tension | No data available |
| Gas group | Not applicable. |
| Benzene Content | No data available |
| Lead content | No data available |
| VOC (Volatile organic compounds) | No data available |

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

10.4. Conditions to avoid

| | |
|--|--------------------------------|
| | Conditions to avoid. Moisture. |
|--|--------------------------------|

10.5. Incompatible materials

| | |
|--|--------|
| | Acids. |
|--|--------|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|---|
| Acute toxicity | No data is available on this product. |
| Skin corrosion/irritation | May cause irritation to eyes. May cause irritation to skin. |
| Respiratory or skin sensitisation | No sensitization effects reported. |

11.1.4. Toxicological Information

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

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12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

Further information

Do not allow product to enter drains.

SECTION 13: Disposal considerations**Disposal methods**

Dispose of in compliance with all. Local and national regulations.

SECTION 14: Transport information**ADR/RID**

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

S25 - Avoid contact with eyes.

Further information

T S C A (T o x i c S u b s t a n c e s C o n t r o l A c t) :. All ingredients are listed. CAA 112. CallProp 65. CWA 311. Massachusetts. Sara 302. Sara 304. Sara 313. None of the ingredients is listed.

SECTION 16: Other information**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.