

**Silastomer P42 Part A RTV2**

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF NOHSC

**1 Identification of the substance/preparation and company****1.1 Name of substance/preparation**

Commercial product name: **Silastomer P42 Part A**

**1.2 Use of substance / preparation: Industrial.**

Raw material for: elastomer products.

**1.3 Company name**

Company: Dalchem Pty Ltd

Street.: 141 Herald Street

State/postal code/city: Cheltenham 3192

Telephone: +61 3 9553 7040

Telefax: +61 3 9553 2407

**1.4 Company name**

Distributor: Dalchem Pty Ltd

Street/POB-No.: 141 Herald Street

State/postal code/city: Cheltenham Victoria 192

Telephone: +61 3 9553 7040

Telefax: +61 3 9553 2407

**1.5 Australian Emergency Telephone Number**

Emergency Information Regulatory Compliance +61 3 9553 7040

Emergency Information (24 hours)- +61 3 9553 7040

Dalchem Pty Ltd

**2 Composition/information on ingredients****2.1 Chemical characterization (preparation):****Chemical characteristics**

Polydimethylsiloxane with functional groups + auxiliaries for addition cross-linking

**3 Hazards identification****3.0**

This chemical is not classified as Hazardous according to the criteria of NOHSC.

This chemical is not classified as a Dangerous Good.

**3.1 Classification:****R-Phrase Description**

R- -



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### 4 First-aid measures

#### 4.1 General information:

#### 4.2 After inhalation:

No special measures required.

#### 4.3 After contact with the skin:

Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap.

#### 4.4 After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

#### 4.5 After swallowing:

No special measures required. In cases of sickness seek medical advice (show label if possible).

### 5 Fire-fighting measures

#### 5.1 Suitable extinguishing media:

water spray , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

#### 5.2 Extinguishing media which must not be used for safety reasons:

water jet .

**5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:-**

#### 5.4 Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

### 6 Accidental release measures

#### 6.1 Personal precautions:

No special measures required.

#### 6.2 Environmental precautions:

Prevent material from entering sewers or surface waters.

#### 6.3 Methods for cleaning up:

Take up mechanically and dispose of according to local/state/federal regulations. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

### 7 Handling and storage

#### 7.0 General information:

Stir well before use.

#### 7.1 Handling

##### Precautions for safe handling:

No special protective measures required.

##### Precautions against fire and explosion:

No special precautions against fire and explosion required.

#### 7.2 Storage

##### Conditions for storage rooms and vessels:

none known

##### Advice for storage of incompatible materials:

not applicable

##### Further information for storage:

Keep container tightly closed.

Maximum temperature allowed during storage and transportation: 40 °C

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### 8 Exposure controls and personal protection equipment

#### 8.1 Exposure limits

Maximum airborne concentrations at the workplace not applicable

#### 8.2 Exposure limited and controlled

##### 8.2.1 Exposure in the work place limited and controlled

##### General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

##### Personal protection equipment

##### Respiratory protection:

not required .

##### Hand protection:

non-latex gloves .

##### Eye protection:

Recommendation: protective goggles .

##### 8.2.2 Exposure to the environment limited and controlled:

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### 9 Physical and chemical properties

#### 9.1 General information

Physical state / form.....: viscous liquid

Colour.....: translucent

Odour.....: odourless

#### 9.2 Important information about the protection of health, safety and the environment Method (67/548/EEC):

Melting point / melting range.....: not applicable

Boiling point / boiling range.....: not applicable

Flash point.....: approx. 307 °C (DIN 51376)

Autoignition temperature.....: approx. 440 °C (DIN 51794)

Lower explosion limit (LEL).....: not applicable

Upper explosion limit (UEL).....: not applicable

Density.....: approx. 1,08 g/cm<sup>3</sup> at 25 °C, at 1013 hPa (DIN 51757)

Water solubility / miscibility.....: virtually insoluble

pH-Value.....: not applicable

Viscosity (dynamic).....: 50000 - 90000 mPa\*s at 23 °C (BROOKFIELD)

#### 9.3 Other information

Thermal decomposition.....: > 200 °C

### 10 Stability and reactivity

#### 10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

#### 10.1 Conditions to avoid:

none known

#### 10.2 Materials to avoid:

none known

#### 10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

**SILASTOMER P42 PART A****11 Toxicological information****11.0 General information:**

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.

**11.1 Toxicological tests****Further information:**

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**12 Ecological information****12.1 Ecotoxicity**

No expected damaging effects to water organisms.

**Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):**

According to current knowledge adverse effects on water purification plants are not expected.

**12.2 Mobility**

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**12.3 Persistence and degradability****Biodegradation / further information:**

Biologically not degradable.

**Further information:**

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**12.4 Bio-accumulation potential****Further information:**

Bioaccumulation is not expected to occur.

**12.5 Other harmful effects**

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**12.6 Further ecological information****General information:**

In cross-linked state not soluble in water. Easily separable from water by filtration.

**13 Disposal considerations****13.1 Material****Recommendation:**

Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of in a domestic waste incinerator. Observe local/state/federal regulations. After solidification, material can be stored together with domestic waste. Observe local/state/federal regulations.

**13.2 Uncleaned packaging****Recommendation:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

**14 Transport information****14.1 Land transport GGVSE/ADR and RID****Road ADR:**

Valuation.....: not Regulated

**Railway RID:**

Valuation.....: not Regulated

**14.2 Inland navigation GGVBinsch/ADNR****14.3 Transport by sea GGVSee/IMDG-Code**

Valuation.....: not Regulated

Marine Pollutant.....: no

**14.4 Air transport ICAO-TI/IATA-DGR**

Valuation.....: not Regulated



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### SILASTOMER P42 PART A

#### 14.5 Transport/further information

##### Postal and courier service:

German postal dispatch.....: permitted

##### Informing dept. ref. to heading 14. Transport information:

Department MW-G

#### 15 Regulatory information

##### 15.1 Warning Label (EU)

##### R-Phrase Description

R- -

##### S-Phrase Description

S- -

##### 15.2 National regulations:

SI 1999/3232: CHIP Regulations 1999

SI 1999/437: COSHH Regulations 1999

SI 1999/3242: Management of Health & Safety at Work Regulations 1999

Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

#### 16 Other information

##### 16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

##### 16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version.

**n.a. = not applicable n.s. = not subject to**

##### Details of international registration status

Listed on the following inventories:

HSNO

IECSC

EINECS

TSCA

ECL

AICS

----- END OF MATERIAL SAFETY DATA SHEET -----