

Silastomer P12 RTV2

Version: 1.4 (AUS) Date of print: 20.07.2005 Date of last alteration: 18.07.2005

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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 P12

1.2 Use of substance / preparation: Industrial.

Raw material for: elastomer products.

1.3 Company name

Manufacturer: Dalchem Pty Ltd

Street/POB-No.: 1/6 Elma Rd

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.: 1/6 Elma Rd

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:

not required .

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.....: paste

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/cm³ 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.

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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

-

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

-

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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14.5 Transport/further information

Postal and courier service:

German postal dispatch.....: permitted

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

Department MW-G (Gefahrgut-Service), Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

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 -----