

Material Safety Data Sheet

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Last Revision Date: 08.7.2014

DALCHEM P40 PART B

Non Hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**1.1 Product Details****Product Name:** Dalchem P40 PART B**Other Name:** Liquid Silicone Rubber**Proper Shipping Name:** Not applicable.**Recommended Use:** Silicone rubber curing agent**1.2 Company Details****Manufacturer/Supplier:** Dalchem Pty Ltd**Address:** 141 Herald St Cheltenham, Australia**Telephone Number** 03 9553 7040**2. HAZARD IDENTIFICATION****2.1 Hazard Classification:** Non-Hazardous Substance. Non-Dangerous Goods.**2.2 Risk Phrase(s):** Not hazardous.**2.3 Safety Phrase(s):** Keep container in a well-ventilated place.

Do not keep the container sealed.

Keep away from sources of ignition - no smoking.

Avoid contact with skin and eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical Name CAS Number Proportion %**

Ingredients determined not to be hazardous to 100%

4. FIRST AID MEASURES**4.1 First Aid Measures:****Ingestion:** Get medical attention.**Eye:** Immediately flush with water.**Skin:** No first aid should be needed.**Inhalation:** No first aid should be needed.**4.2 Medical Attention and Special Treatment Needed:****First Aid Facilities:** None should be required.**Comments:** Treat symptomatically.**Note to physicians:** Treat Symptomatically.

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5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing

Media:

On large fires use AFFF alcohol compatible foam or water spray (fog). On small fires use AFFF alcohol compatible foam, CO₂ or water spray (fog). Water can be used to cool fire exposed containers. Most fire extinguishing media will cause hydrogen evolution. When the fire is put out, hydrogen may accumulate in poorly ventilated or confined areas and result in flash fire or explosion if ignited. Foam blankets may also trap hydrogen or flammable vapours, with the possibility of subsurface explosion.

5.2 Unsuitable

Extinguishing Media:

Dry powder. Do not allow extinguishing medium to contact container contents.

5.3 Hazards From

Combustion Products:

None.

5.4 Precautions For Fire

Fighters and Special

Protective Equipment:

Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

5.5 Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

6.1 Emergency Procedures: Not applicable.

6.2 Methods and Materials

for Containment and

Clean Up Procedures:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Materials in contact with water, moisture, acids or bases have the potential to generate hydrogen gas. Recovered material should be stored in a vented container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean-up of releases. You will need to determine which laws and regulations are applicable.

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7. HANDLING AND STORAGE

7.1 Precautions for Safe

Handling:

Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. If this product is heated to > 180 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

7.2 Conditions for Safe Storage:

Product evolves minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapours well below flammability limits and exposure guidelines. Do not repackage. Do not store in glass containers which may shatter due to pressure build up. Clogged container vents may increase pressure build up. Keep container closed and store away from water or moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Standards:

Ingredients Exposure Limits None known.

8.2 Engineering Controls:

Local Ventilation: Recommended.

General Ventilation: Recommended.

8.3 Personal Protective Equipment:

Respiratory: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Hand: No special protection needed.

Eye: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Form: Liquid

9.2 Colour: Colourless

9.3 Odour: Slight odour

9.4 pH: Not determined.

9.5 Vapour Pressure @ 25°C: Not determined.

9.6 Vapour Density (air=1): Not determined.

9.7 Boiling Point: > 100 °C

9.8 Melting Point: Not determined.

9.9 Solubility in Water: Not determined.

9.10 Specific Gravity @ 25°C: 0.96

9.11 Flash Point: > 100 °C (Closed Cup)

9.12 Upper Flammability Limit: Not determined.

9.13 Lower Flammability Limit: Not determined.

9.14 Auto ignition Temperature: > 200 °C

9.15 Viscosity: 300 mPa s

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10. STABILITY AND REACTIVITY

10.1 Chemical Stability: Stable under normal usage conditions. Material may decompose (generating heat and gas) if exposed to temperatures in excess of 250 degree C.

10.2 Conditions to avoid: None.

10.3 Incompatible Materials: Water, alcohols, acidic or basic materials, and many metals or metallic compounds, when in contact with product, liberate flammable hydrogen gas, which can form explosive mixtures in air. Can react with strong oxidising agents.

10.4 Hazardous Decomposition Products:

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Hydrogen.

10.5 Hazardous Reactions : Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

11.1 Possible Routes of Exposure

[X] Inhalation [X] Skin Contact [X] Ingestion

11.2 Possible Health Effects:

Acute

Ingestion: Low ingestion hazard in normal use.

Eye: Direct contact may cause temporary redness and discomfort.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: No significant effects expected from a single short-term exposure.

Chronic

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

Skin: No known applicable information.

Inhalation: No known applicable information.

Other Health Hazard

Information:

No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

12. ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution:

Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

12.2 Eco toxicity:

No adverse effects on aquatic organisms.

Bioaccumulation: No bioaccumulation potential.

12.3 Fate and Effects in Waste Water Treatment Plants:

Removed > 90% by binding onto sewage sludge. No adverse effects on bacteria. The siloxanes in this product do not contribute to the BOD.

12.4 Additional Environmental Information

Degradation: Additional environmental information on the silicone component is available on request.

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13. DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Dispose of in accordance with local regulations.

13.2 Special Precautions for Landfill or Incineration:

None known.

14. TRANSPORT INFORMATION

14.1 UN No.: Not applicable.

14.2 Proper Shipping Name: Not applicable.

14.3 Class: Not applicable.

14.4 Packing Group: Not applicable.

14.5 Hazchem Code: Not applicable.

14.6 Sea transport (IMDG)

Not subject to IMDG code.

14.7 Air Transport (IATA-DGR)

Not subject to IATA regulations.

Remarks: VENTED PACKAGES ARE FORBIDDEN FOR AIR TRANSPORT.

15. REGULATORY INFORMATION

15.1 SUSDP Poisons

Schedule Number:

None allocated.

15.2 Prohibition/Licensing

Requirements:

There are no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

15.3 Industrial Chemicals

(Notification and

Assessment) Act 1989:

All ingredients listed or exempt.

15.4 HSNO Approval Code: Not determined.

15.5 Chemical Inventories:

IECSC: All ingredients listed or exempt.

EINECS: All ingredients listed or exempt.

MITI: All components are listed on ENCS or its exempt rule.

KECL: All ingredients listed, exempt or notified.

PICCS: All ingredients listed or exempt.

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.



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16. OTHER INFORMATION

Contact Point: 03 9553 7040

Prepared by: Dalchem Pty Ltd

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this Company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.