

SILASTIC(R) 3487 BASE (BASE information is below)

**COMPANY DETAILS**

Date of Issue: 1998/08/17

Company: DOW CORNING AUSTRALIA PTY. LTD., A.C.N. 008 444 166

Address: 423 Pennant Hills Road, Pennant Hills, NSW 2120, Australia

Telephone Number: (02)-9847-4188

Emergency Telephone Number (within Australia): 1300-360-732  
(from outside Australia): 61-2-1300-360-732**STATEMENT OF HAZARDOUS NATURE****Not classified as hazardous according to criteria of Worksafe Australia.****IDENTIFICATION**Product Name: **SILASTIC(R) 3487 BASE (BASE information is below)**

Other Names: Silicone elastomer

Correct Shipping Name: None Allocated  
None Allocated

Manufacturer's Product Code: 02653451

UN Number: None Allocated

0000 = None Allocated

Dangerous Goods (Class and Subs Risk): None Allocated

Packaging Group: NA

ICAO Dangerous Goods Class: NOT APPLICABLE

Packaging Group: NA

IMDG Dangerous Goods Class: NOT APPLICABLE

Packaging Group: NA

NA = None Allocated

Hazchem Code: NA

Poisons Schedule Number: None Allocated

Use: Silicone rubber base.

**Physical Description/Properties**

Appearance:	Viscous Liquid, Off-White Odourless
Boiling Point:	> 35C/95F
Melting Point:	Not Relevant.
Vapor Pressure:	Not Available.
Specific Gravity @ 25C:	1.14
Flash Point (Closed Cup):	> 100.00 DEGREE C
Flammability Limits in Air:	Not Available.
Solubility in Water:	Not Available.
Volatile content:	Not Available.

**Other Properties**

Viscosity:	24000.00 MPA.S
Vapor Density:	Not Available.
pH:	Not Relevant.
Autoignition Temperature:	Not Available.

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The above information is not intended for use in preparing product specifications.

**Ingredients**

<u>Chemical Name</u>	<u>CAS #</u>	<u>Proportion %</u>
Polydimethylsiloxane	063148629	30-60
Trimethylated silica	068909206	10-<30
Dimethyl Siloxane, Hydroxy-terminated	070131678	10-<30
Ingredients determined not to be hazardous to 100%		

**HEALTH HAZARD INFORMATION****Health Effects**Acute

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

Chronic

Swallowed: No known applicable information.  
Skin: None Known.  
Inhaled: No known applicable information.

This material contains the following components with the special hazards listed below.

- \* Carcinogens  
None Known
- \* Teratogens  
None Known
- \* Mutagens  
None Known
- \* Reproductive Effects  
None Known
- \* Sensitizers  
None Known

Comments:

The above listed potential effects of overexposure are based on actual data, results of studies performed

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upon similar compositions, component data, and/or expert review of the product.

**First Aid**

Swallowed: No first aid should be needed.

Eye: Immediately flush with water.

Skin: No first aid should be needed.

Inhaled: No first aid should be needed.

Comments: Treat symptomatically.

## First Aid

Facilities: None

**Advice to Doctor**

Treat symptomatically. For further information, the Medical Practitioner should contact Dow Corning Australia Pty. Ltd.

**PRECAUTIONS FOR USE****Exposure Standards**IngredientExposure Limits

Trimethylated silica

Dow Corning guide: 5 mg/m<sup>3</sup> Ceiling (as dust).

Comments: None

**Engineering Controls**

Local exhaust: None should be needed

General Ventilation: Recommended

**Personal Protection**

Respirator Type: None should be needed.

Glove Type: No special protection needed.

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

Clothing: No Special Protective Clothing is Needed.

**Other**

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

Inhalation: No respiratory protection should be needed.

Precautions: Avoid eye contact. Use reasonable care.

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Comments: None

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

**Flammability**

Fire Hazards (precautions to be taken in handling and storing): None

Unusual Fire Hazards: None

**SAFE HANDLING INFORMATION****Storage and Transport**

Local exhaust: None should be needed

General Ventilation: Recommended

Dangerous Goods (Class and Subs Risk): None Allocated Packaging Group: NA

NA = None Allocated

Incompatibility (Materials to Avoid): Oxidizing material can cause a reaction.

Hazardous Polymerization: Hazardous polymerization will not occur.

Handling: No special precautions.

Storage: Use reasonable care and store away from oxidizing materials.

Conditions to Avoid: None known.

Comments: None

**Spills and Disposal**

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

**Spill Protective Equipment**

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

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

Inhalation: No respiratory protection should be needed.

Precautions: Avoid eye contact. Use reasonable care.

**DOW CORNING AUSTRALIA PTY. LTD.  
MATERIAL SAFETY DATA SHEET**

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Waste Disposal Method: Dow Corning suggests that all local, state, and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures.

**Fire/Explosion Hazard**

Hazardous Decomposition Products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Nitrogen oxides. Metal oxides.

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.

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

Unusual Fire/Explosion Hazards: None

Incompatibility (Materials to Avoid): Oxidizing material can cause a reaction.

Hazardous Polymerization: Hazardous polymerization will not occur.

Stability: Stable.

Hazchem Code: NA

**OTHER INFORMATION**

**Contact Point:** Technical Services Engineer (02)-9847-4188

**Prepared by:** DOW CORNING AUSTRALIA 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."

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