

MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003) and HSNO CoP 8-1 (September 2006)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: PCI SILCOFERM S (various colours)

Other name: None allocated

Recommended use: Silicate sealer.

Company: BASF Construction Chemicals Australia Pty Ltd.
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2. HAZARDS IDENTIFICATION

Hazard Classification: NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.
Non Dangerous Goods for transport according to the ADG code.
Non Hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and NOHSC.

Hazard Designation: None

HSNO Classification: None

Risk phrase(s): None

Safety phrase(s): None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description: 1 part Silicone sealant, alcohol curing

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Proportion</u> |
|-----------------------------|--------------------------|--------------------------|
| Non hazardous ingredients | | to 100% |

4. FIRST AID MEASURES

Inhalation: Not a normal rout of injury. However, if inhalation does occur, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Remove contact lenses if skilled to do so.

Skin: Remove contaminated clothing immediately, wash before re-use. Remove excess mechanically. Wash contacted areas thoroughly with soap and water. If irritation develops seek medical attention.

Ingestion: Not a normal rout of injury. However, if ingestion occurs do not induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do NOT give anything by mouth to an unconscious person.

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5. FIRE FIGHTING MEASURES

| | |
|--|--|
| <u>Suitable extinguishing media:</u> | Use extinguishing agent suitable for type of surrounding fire. |
| <u>Hazards from combustion products:</u> | None known |
| <u>Precautions for fire fighters:</u> | None known |
| <u>Hazchem code:</u> | None allocated |

6. ACCIDENTAL RELEASE MEASURES

| | |
|--|---|
| <u>Methods and materials for containment and clean up:</u> | Collect mechanically. Dispose of the material collected according to regulations. Additional information: No dangerous materials are released. |
| <u>Environmental precautions:</u> | Do not discharge into sewers or waterways. |

7. HANDLING AND STORAGE

| | |
|---------------------------------------|--|
| <u>Precautions for safe handling:</u> | No special measures required. |
| <u>Conditions for safe storage:</u> | No special requirements. Stable when frozen. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|---|---|
| <u>Ventilation:</u> | Ventilation is generally not required |
| <u>Personal Protective Equipment (PPE):</u> | This product is not classified as hazardous, so PPE is not normally essential. However, it is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilised for handling this product. |
| <u>Respiratory protection:</u> | Not normally applicable. |
| <u>Glove type (AS2161):</u> | Impervious gloves e.g. latex, PVC or nitrile rubber. |
| <u>Eye protection:</u> | Not normally applicable. However, when working in an overhead situation, chemical worker's goggles or safety glasses or face shield are advised. |
| <u>Clothing:</u> | General protective clothing such as overalls or long pants and a long sleeve shirt or a chemical apron. Remove contaminated clothing as soon as possible. Launder thoroughly before reusing. For large spills or ponded areas impervious footwear is preferred. |
| <u>Other:</u> | Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|----------------------------------|
| <u>Appearance:</u> | Paste – various colours. |
| <u>Odour:</u> | Alcohol like |
| <u>Specific gravity:</u> | ca 1.3 g/cm ³ at 20°C |
| <u>Solubility in water:</u> | Insoluble |
| <u>Boiling point:</u> | Not applicable |

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Flash point: Not applicable. Product is not self igniting

Danger of explosion: Product is not explosive.

10. STABILITY AND REACTIVITY

Chemical stability: Stable.

Thermal decomposition: No decomposition if used according to specifications.

Incompatible materials: None known

Hazardous decomposition products: No dangerous decomposition products known

Hazardous reactions: No dangerous reactions known

11. TOXICOLOGICAL INFORMATION

Inhalation: Not applicable.

Eyes: No irritant effect.

Skin contact: No irritant effect.

Ingestion: Not applicable.

Sensitization: No sensitizing effect known.

Additional toxicological information: On hardening methanol separates in the quantities usual with silicone sealants.
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects in our experience and according to the information provided to us.

12. ECOLOGICAL INFORMATION

Ecology: Do not allow product to reach ground water, water bodies or sewage system. The product hardens into a rubber-like material harmless for man and the environment.
General notes: No ecological studies to the product are available. Harmful effects on man and environment (ecologically negative effects) are hitherto unknown and are not to be expected. With proper handling and use as intended the product has, in our considerable experience with building materials and according to the information available to us, no ecotoxic effects are caused.

13. DISPOSAL CONSIDERATIONS

Disposal: Disposal in accordance with national and local laws and bye-laws. Must not be disposed of together with household waste. Do not allow product to reach sewage system.

Unhardened material: special waste.

Packaging: Recommendation: Carefully and completely emptied packs can be disposed of as building site or commercial waste.

14. TRANSPORT INFORMATION

UN number: None allocated

Proper shipping name: Not regulated

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| | |
|-------------------------------|----------------|
| <u>Dangerous goods class:</u> | None allocated |
| <u>Subsidiary risk:</u> | None allocated |
| <u>Packing group:</u> | None allocated |
| <u>Hazchem code:</u> | None allocated |

15. REGULATORY INFORMATION

| | |
|-----------------------|---------------------------|
| NICNAS / AICS: | All components are listed |
| Poisons Schedule: | Not Scheduled |
| HSNO Classifications: | Not classified |
| ERMA Group Standard: | Not required |
| ERMA / NZIoC: | All components are listed |
| Tracking: | Not required |
| Approved Handler: | Not required |

16. OTHER INFORMATION

Reason for issue: Update to combined Australia and New Zealand MSDS.

Based on PCI MSDS Revision 299/000 15-01-2009

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. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.