

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **PCI GISOGRUND**

Other name: None allocated

Recommended use: Special primer for tiling applications.

Supplier: BASF Construction Chemicals Australia Pty Ltd. BASF New Zealand Ltd.
ABN 46 000 450 288

Address: 11 Stanton Road, 45 William Pickering Drive,
Seven Hills, NSW, 2147 Albany, Auckland,
Australia New Zealand

Telephone number: +61 2 8811 4200 +64 9 414 7233

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2. HAZARDS IDENTIFICATION

Hazard classification: NON-HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Not hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

Hazard Designation: None allocated

HSNO Classification: None

Risk phrase(s): None

Safety phrase(s): None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Aqueous acrylic polymer blend	Proprietary	100%

4. FIRST AID MEASURES

Inhalation: 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. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Remove contaminated clothing. Wash contacted areas thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before re-use.

Ingestion: 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.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing agent suitable for type of surrounding fire. Foam; water spray; dry powder; carbon dioxide

Hazards from combustion products: Carbon monoxide; carbon dioxide, harmful vapours, nitrogen oxides,

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

fumes/smoke and carbon black from combustion of dried residues.

Precautions and equipment for fire fighters: The degree of risk is governed by the fire conditions and burning substances. Wear self-contained breathing apparatus.

Hazchem code: None allocated

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Material can then be shoveled into sealable containers for disposal. Dispose of the material collected according to local regulations. No dangerous materials are released.

For large volumes pump away by a suitable waste disposal contractor to an approved waste disposal site.

Environmental precautions: Do not allow to enter into drains, sewers or waterways.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid aerosol/mist generation and inhalation of mists and vapours.
Avoid skin contact.
No special measures required provided product is used correctly.

Conditions for safe storage: No special requirements. Protect from freezing at temperatures below -10°C.
Product characteristics are irreversibly changed below the limit temperature.
Protect from temperatures above 50°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: 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.

Exposure Standards None established for this product.

Personal Protective Equipment (PPE):

Respiratory protection: Only required if ventilation inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds should be used. Consult local safety products supplier.

Glove type (AS2161): Impervious gloves e.g. PVC or nitrile rubber.

Eye protection: Chemical goggles or safety glasses with side shields.

Clothing: 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.

Other: Use barrier creams to protect skin from contact with the material. Do not eat, drink or smoke while using the product. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Use fat replacing creams at the end of work. Observe the usual precautions when handling chemicals and observe good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light blue liquid

Odour: Slight, characteristic

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<u>pH:</u>	8 – 9 at 20°C
<u>Explosion Limit:</u>	Not available
<u>Solubility in water:</u>	Fully miscible
<u>Specific gravity:</u>	approx. 1.0 g/cm ³ at 20°C
<u>Melting point:</u>	Not applicable
<u>Flash point:</u>	Not applicable
<u>Boiling point:</u>	> 100°C

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Stable.
<u>Incompatible materials:</u>	Strong acids, strong bases, strong oxidising agents.
<u>Hazardous decomposition products:</u>	No dangerous decomposition products known.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.
<u>Inhalation:</u>	Not applicable.
<u>Eyes:</u>	Slight, mainly mechanical irritant effect.
<u>Skin contact:</u>	No irritant effect. No sensitizing effect known.
<u>Ingestion:</u>	Amounts ingested to incidental industrial handling are not expected to cause injury.
<u>Toxicity Data:</u>	Not available.

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	<p>Assessment of aquatic toxicity:</p> <p>Do not allow product to reach ground water, water bodies or sewage system. At the present state of knowledge, no negative ecological effects are expected. There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from products of a similar structure and composition.</p> <p>Assessment of general toxicity:</p> <p>The product hardens into a rubber-like material harmless for man and the environment. 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.</p>
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13. DISPOSAL CONSIDERATIONS

<u>Disposal method and containers:</u>	<p>Disposal in accordance with national and local laws and by-laws. Must not be disposed of together with household waste. Do not allow product to reach sewage system. Unhardened material: special waste.</p> <p>Packaging recommendation: Carefully and completely emptied packs can be disposed of as building site or commercial waste</p>
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Special precautions (landfill/incineration): Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

<u>UN number:</u>	None allocated
<u>UN proper shipping name:</u>	None allocated
<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:	None allocated
ERMA Group Standard:	None allocated
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.

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.