



The Chemical Company

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **PCI NANOLIGHT**
Other name: None allocated
Product code: 2030100121001_
Recommended use: Tile adhesive.

Company: BASF Construction Chemicals Australia Pty Ltd.
ABN: 46 000 450 288
Address: 11 Stanton Road,
Seven Hills, NSW, 2147
Australia
Telephone number: +61 2 8811 4200
Facsimile: +61 2 8811 3299

Company: BASF Construction Chemicals New Zealand Ltd.
Address: 45 William Pickering Drive,
Albany, Auckland,
New Zealand
Telephone number: +64 9 414 7233
Facsimile: +64 9 414 7244

Emergency telephone number: 0417 658 263, 0438 988 699

2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC
Hazard designation: Xi - Irritant
Risk phrase(s): R 38 - Irritating to skin
R 41 - Risk of serious damage to eyes
Safety phrase(s): S 2 - keep out of reach of children
S 24/25- Avoid contact with skin and eyes
S 26 - In case of contact with eyes, rinse immediately with plenty of water
and seek medical advice.
S 27/28- After contact with skin, take off immediately all contaminated clothing
and wash immediately with plenty of water and soap.
S 37 - Wear suitable gloves

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name	CAS Number	Proportion
Portland cement	65997-15-1	30 - 60%
Non-hazardous ingredients		to 100%

BASF Material Safety Data Sheet according to NOHSC: 2011 (2003)

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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. Lay patient down and rest. Seek medical attention in case of symptoms.
Eyes:	While holding eyes open, gently flood with plenty of fresh water for 15 minutes. Seek medical attention immediately. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin:	Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.
Ingestion:	Do NOT induce vomiting. Rinse out mouth and then drink plenty of water. In case of persistent symptoms seek medical attention.
First aid facilities:	Ensure availability of clean water for eye/skin wash.
Advice to doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Product is non-combustible, therefore no special extinguishing media..
Precautions and equipment for fire fighters:	No special measures required.
Hazchem code:	None allocated

6. ACCIDENTAL RELEASE MEASURES

Personal related safety precautions:	Not required
Clean up spills / leaks:	Vacuum or sweep up. Avoid generating dust.

7. HANDLING AND STORAGE

Location:	Store in a cool, dry area.
Temperature conditions:	5 to 35°C
Protection from weather:	Store undercover and away from moisture.
Storage incompatibilities:	Strong oxidising agents, acids and alkalis.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in well-ventilated area. Avoid generating and inhaling dust.
Exposure standards:	Lower toxic limit for cement - 5mg/m ³ General dust limit value - 6mg/m ³
Respirator type (AS/NZS 1716):	Dust mask.
Glove type (AS2161):	Nitrile rubber or PVC gauntlets.
Eye protection:	Chemical worker's goggles.
Clothing:	Overalls.
Other:	Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet after finishing work. Observe the usual precautions when handling chemicals.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Odourless grey powder
pH (1:1 mixture):	12 - 13
Vapour pressure @25°C (Pa):	Not applicable
Boiling point (°C):	Not applicable
Freezing point (°C):	Not applicable
Melting point (°C):	Not determined
Solubility in water:	< 2g/L
Flash point (°C):	Not applicable
Flammability limits:	UEL - not applicable LEL - not applicable
Solids content:	100.0%

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal storage and application temperature
Hazardous decomposition products:	None known.
Hazardous reactions:	None known.

11. TOXICOLOGICAL INFORMATION

Acute

Eyes:	Irritant effect.
Skin contact:	Irritant for skin and mucous membranes.

<u>Chronic:</u>	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. The product does not contain asbestos (or any other mineral fibres) or inhalable fine quartz dust hazardous to health and causing silicosis. The product is chlorine free and contains no formaldehyde. Low in chromates to TRGS 613.
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12. ECOLOGICAL INFORMATION

Ecology:	Do not allow product to reach ground water, water bodies or sewage system. No ecological studies are available. Harmful effects on man and environment are hitherto unknown and are not expected when application is in accordance with the instructions and the advice in this Safety Data Sheet.
Marine pollutant:	Not listed

13. DISPOSAL CONSIDERATIONS

Disposal method and containers:	Disposal in accordance with Federal, State and Local regulations. Smaller quantities can be disposed of with household waste. Carefully emptied packs can be disposed of as building site or commercial waste.
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Special precautions for landfill or incineration: Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

UN number:	None allocated
Proper shipping name:	None allocated
Dangerous goods class:	None allocated
Subsidiary risk:	None allocated
EPG card:	None allocated
Packing group:	None allocated
Hazchem code:	None allocated
Poisons schedule:	None allocated

15. REGULATORY INFORMATION

Hazard designation:	Xi - Irritant
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16. OTHER INFORMATION

Reason for issue: Change of company name.

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.