

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERFLOW 648CP+, PART C**
Other name: Celcote 648CP+, Part C
Product code: 2010201009003_
Recommended use: Part C of a three component, heavy duty, high strength flowable grout for use at elevated service temperatures.

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
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Emergency telephone number: 0417 658 263, 0438 988 699

2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC
Risk phrase(s): None allocated
Safety phrase(s): None allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name	CAS Number	Proportion
Quartz filler blend	14808-60-7	> 60%
Almandite garnet	1302-62-1	10 -< 30%
Soda lime glass	65997-17-3	10 -< 30%

4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting. Wash mouth with water and 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: Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.

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Inhalation: Remove to fresh air. Lay patient down and rest.

First aid facilities: Ensure availability of clean water for eye/skin wash.

Advice to doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂ and Dry Chemical.

Hazards from combustion products: Fuses on heating

Precautions and equipment for fire fighters: None

Hazchem code: None allocated

6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: Vacuum or sweep up. Avoid generating dust.

Environmental precautions: Do not discharge into sewers unless connected to a wastewater treatment plant.

7. HANDLING AND STORAGE

Conditions for safe 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

Exposure standards: 0.1mg/m³

Engineering controls: Use in well ventilated area. Avoid generating and inhaling dust.

Respiratory protection: Class P1 or 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 and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cement grey powder

Boiling point (°C): > 200

Melting point (°C): Not available

Vapour pressure @ 25°(kPa): Not applicable

Specific gravity: ca 2.6

Flash point (°C): Not applicable

Flammability limits (%): UEL – Not applicable

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

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Solubility in water: LEL – Not applicable
Insoluble
pH (1:1 mixture): > 11

10. STABILITY AND REACTIVITY

Hazard of use/storage: Stable under normal storage and application temperature.
Materials to avoid: Strong oxidising agents, acids and alkalis.
Hazardous decomposition products: Fuses on heating

11. TOXICOLOGICAL INFORMATION

Acute

Ingestion: May be irritating to gastro-intestinal tract and stomach.
Eye: The dust is abrasive and irritating to the eyes and may be capable of causing corneal scarring.
Skin: The solid/dust is abrasive and may be irritating to skin.
Inhalation: The dust is harmful and irritating to the upper respiratory tract and lungs. The material presents a hazard from repeated exposure over long periods.

Chronic: Overexposure to respirable dust may cause coughing, wheezing, difficulty in breathing and impaired pulmonary function. Chronic symptoms include decreased vital lung capacity and chest infections. Chronic exposure may cause silicosis, a disabling form of pneumoconiosis, which leads to fibrosis.

12. ECOLOGICAL INFORMATION

Ecology: Do not discharge into sewers unless connected to a wastewater treatment plant.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

State/Territory authority: Observe all Federal, State and Local regulations
Dispose – Secure landfill: Yes.
Dispose – High temp incinerator: No.
Precautions for clean up crew: Nitrile rubber gloves and dust mask.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION



The Chemical Company

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Risk phrase(s): None allocated
Safety phrase(s): None allocated

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.