



SAFETY DATA SHEET

FLOWFILL PANEL GROUT NSW
Revision Number 2.01

Revision date 05-Sep-2022
Supersedes Date: 09-Nov-2020

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name FLOWFILL PANEL GROUT NSW

Product Code(s)

30840172
30840172

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Grout

Uses advised against No information available

Details of manufacturer or importer

Supplier

Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

Section 2: Hazard(s) identification

GHS Classification

| | |
|--|---------------------|
| Skin corrosion/irritation | Category 2 - (H315) |
| Serious eye damage/eye irritation | Category 1 - (H318) |
| Specific target organ toxicity (single exposure) | Category 3 - (H335) |

Label elements

Exclamation mark
Corrosion

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Signal word
DANGER

Hazard statements

H315 - Causes skin irritation
H318 - Causes serious eye damage
H335 - May cause respiratory irritation

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wear protective gloves/clothing and eye/face protection
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a doctor
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a doctor if you feel unwell

Precautionary Statements - Storage

Store in well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.

Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease. Product dust may be irritating to eyes, skin and respiratory system. Repeated exposure may cause skin dryness or cracking.

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

Poison Schedule Number Not applicable

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

Not applicable

Mixture

| Chemical name | CAS No | Weight-% |
|---|-------------|----------|
| Cement, portland, chemicals (Chromium VI reduced) | 65997-15-1 | 10 - <30 |
| Ashes, residues | 68131-74-8 | 0 - <10 |
| Calcium oxide | 1305-78-8 | 0 - <10 |
| Non-hazardous ingredients | Proprietary | Balance |

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Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

Description of first aid measures

General advice If medical advice is needed, have product container or label at hand.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.

Eye contact Do not rub affected area. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.

Skin contact Brush off loose particles from skin. Remove material from skin immediately. Take off contaminated clothing and wash before reuse.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation. Causes serious eye damage. Irritating to skin. Inhalation of dust in high concentration may cause irritation of respiratory system. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical No information available.

Hazardous combustion products Carbon oxides. Silicon dioxide.

Special protective actions for fire-fighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid generation of dust. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil.

Methods and material for containment and cleaning up

Methods for containment Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Prevent dust cloud.

Methods for cleaning up Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Avoid generation of dust. Avoid contact with skin, eyes or clothing. Use personal protection equipment. Take off contaminated clothing and wash before reuse.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents. Acids. Aluminum.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

| Chemical name | Australia |
|---|---------------------------|
| Cement, portland, chemicals (Chromium VI reduced) 65997-15-1 | TWA: 10 mg/m ³ |
| Calcium oxide 1305-78-8 | TWA: 2 mg/m ³ |

OEL as published by Safe Work Australia

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Appropriate engineering controls

Engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Hand protection Wear suitable gloves. Impervious gloves.

Respiratory protection Wear a respirator conforming to EN 140 with Type P2/P3 filter or better.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

| | |
|-----------------------|--------------------------|
| Physical state | Solid |
| Appearance | Powder |
| Color | Gray |
| Odor | Odorless |
| Odor threshold | No information available |

| Property | Values | Remarks • Method |
|--|--------------------------|--|
| pH | No data available | |
| pH (as aqueous solution) | No data available | |
| Melting point / freezing point | Not applicable . °C | |
| Initial boiling point and boiling range | Not applicable . °C | |
| Flash point | Not applicable . °C | |
| Evaporation rate | Not applicable . | |
| Flammability | No data available | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Vapor pressure | No data available | |
| Relative vapor density | No data available | |
| Relative density | 1.5 | |
| Water solubility | Insoluble in water | Cement based products react and solidify in contact with water |
| Solubility(ies) | No data available | |
| Partition coefficient | No data available | |
| Autoignition temperature | No data available | |
| Decomposition temperature | No data available | |
| Kinematic viscosity | Not applicable . | |
| Dynamic viscosity | Not applicable . | |
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |

Other information

| | |
|--------------------------|--------------------------|
| Softening Point | Not relevant |
| Solid content (%) | 100 |
| Liquid Density | No information available |
| VOC content | No information available |

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Section 10: Stability and reactivity

Reactivity

Reactivity Product cures with moisture.

Chemical stability

Stability Keep away from Incompatible materials. Stable under recommended storage conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid Product cures with moisture.

Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents. Acids. Aluminum.

Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg

Component Information

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| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|---|------------------------------|
| Cement, portland, chemicals (Chromium VI reduced) | - | >2000 Kg/mg (Lapin) | >5 g/m ³ (Rattus) |
| Ashes, residues | >2000 mg/kg (Rattus) | - | - |
| Calcium oxide | >2000 mg/kg (Rattus) | LD50 > 2500 mg/kg (Oryctolagus cuniculus) | > 6.04 mg/L (Rat) 4 h |

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|--|
| Skin corrosion/irritation | May cause skin irritation. Classification based on data available for ingredients. Causes skin irritation. |
| Serious eye damage/eye irritation | Classification based on data available for ingredients. Causes burns. Causes serious eye damage. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | Australia | European Union | IARC |
|-------------------------------|-----------|----------------|---------|
| Ashes, residues 68131-74-8 | | | Group 1 |

Legend

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

| | |
|---------------------------------|-----------------------------------|
| Reproductive toxicity | No information available. |
| STOT - single exposure | May cause respiratory irritation. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|-------------------------------|--|---|---|--|
| Ashes, residues 68131-74-8 | - | - | - | EC50: 140 - 2000mg/L (24h, Daphnia magna) |
| Calcium oxide 1305-78-8 | EC50 (Pseudokirchneriella subcapitata (green | LC50 96 h = 50.6 mg/L (Oncorhynchus mykiss) | EC50 (Bacteria): 229,2 mg/l Exposure time: 3 h | EC50 (48h) = 49.1 mg/l(Daphnia magna) OECD 202 |

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| | | | | |
|--|---|--|--|--|
| | algae)): 106,02 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes | | Test Type: static test Method: OECD Test Guideline 209 GLP: yes | |
|--|---|--|--|--|

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers.

Section 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Australia

See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

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Poison Schedule Number Not applicable

National pollutant inventory
Subject to reporting requirement

| Chemical name | National pollutant inventory |
|-------------------------------|---|
| Ashes, residues 68131-74-8 | 10 tonne/yr Threshold category 1 2000 tonne/yr Threshold category 2b 60000 MWH Threshold category 2b 20 MW Threshold category 2b |

International Inventories

AIIC Listed
NZIoC Listed
ENCS Not Listed
IECSC Not Listed
KECL Not Listed
PICCS Not Listed

Legend:

AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Europe

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

2015/863/EU - RoHS

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 05-Sep-2022

Revision Note

***Indicates updated data since last publication.

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Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |
| C | Carcinogen | | |

Section 11: TOXICOLOGICAL INFORMATION

LD50 (lethal dose)

Section 12: Ecological information

EC50 (effective concentration)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet