



## CALMARC CHEMICALS

### MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER W.A 6053.

TELEPHONE : Bus. (08) 93782022 Mobile 0408 940 669 A/H (08) 9381 5052.

Facsimile (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

### SECTION 1 – IDENTIFICATION

THIS PRODUCT IS NOT A DANGEROUS SUBSTANCE AS DEFINED BY SAFE WORK AUSTRALIA

Product Name

**TITAN ONE BAG HARDWALL PLASTER**  
**TITAN SETTING PLASTER**

Manufacture Code

TITAN

Emergency Telephone No:

(08) 9378 2022; 0408 940 669;  
(08) 9381 5052

Fax Number:

+61 8 9279 7978

Creation Date

15 March 2018

SDS Responsibility

Calmarc Chemicals Technical Sales (08) 9378 2022  
0408 940 669

Other Information

This SDS 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 of 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 our terms and conditions and technical information pamphlets are available upon request.

#### **DISCLAIMER**

This information is based on the present level of knowledge about safety requirements not specific properties. The listed data is therefore subject to change and revision without notice and cannot be guaranteed. No warranty, expressed or implied is made as to accuracy, reliability or completeness of the detail in this document.

### SECTION 2 – HAZARD IDENTIFICATION

#### **Globally Harmonised System**

Hazard Classification

Classified as **Non-Hazardous** according to the criteria of the Australian Safety and Compensation Council ASCC Approved Criteria for Classifying Hazardous Substances (NOHDC:1008) 3<sup>rd</sup> Edition.

GHS Classification	Pictogram	Hazard Statement
Eye damage/Irritation- Category 2A		H319- Causes serious eye irritation  H335- May cause respiratory irritation.
Skin Corrosion/Irritation- Category 2		H315- Causes skin irritation

PREVENTATIVE



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P261 P262 P280	Avoid breathing dust. Do not get in eyes or on skin. Wear protective gloves/protective clothing and eye/face protection rated for dust.
<i>RESPONSE</i>  P304+P340 P305+P351 P302+P352	IN INHALED: Remove victim to fresh air. IF IN EYES: Rinse with water for several minutes. IF ON SKIN: Wash with mild soap and water.
<i>DISPOSAL</i>  P501	Dispose of contents/container according to local regulations.

### SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

#### Chemical Characteristics

Material	Content	Symbol
Calcium Hydrate Hemihydrate	>90%	
Additives	<10%	
Mineral Fillers	<10%	

### SECTION 4 – FIRST AID MEASURES

Swallowed	Rinse mouth and lips with water. Do not induce vomiting.
Inhaled	Remove to fresh air. If symptoms persist, seek medical advice.
Skin	Wash off skin thoroughly with water. Use a mild soap if available.
Eye Contact	Flush thoroughly with flowing water, while holding eyelids open, for 15 minutes to remove all traces.
General	Treat symptomatically.



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#### **SECTION 5 – FIRE FIGHTING MEASURES**

Extinguishing Media	Use carbon dioxide, foam, dry chemical, or water spray to extinguish, as required for fire in surrounding materials.
Hazards from combustion	None
Flammability	The substance is not flammable.
Special Fire Fighting Instructions	None Required
Flash Point	No Data Available
Lower Explosion Limit	No Data Available
Upper Explosion Limit	No Data Available

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Spills are best cleaned up by vacuum device to avoid generating airborne dust. Recommendations on Exposure Control and Personal Protection should be followed during spill clean-up. Keep the product out of storm water and sewer drains.

#### **SECTION 7 – HANDLING AND STORAGE**

Handling	When supplied in bags these need to be handled in accordance with Hazardous Manual Tasks Code of Practice.
Storage	This product should be stored in its factory packaging in a dry area.
Incompatibilities	Incompatible with aluminium, strong acids.

#### **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

##### **National Exposure Standards**

National Occupational Exposure Standards (NES), Australian Safety & Compensation Council, ASCC (Formerly NOHSC)

Total dust of any type or particle size: TWA – 10 mg/m<sup>3</sup>

##### **Notes on Exposure standards**

All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable (practicable) and in all cases to below the National Standard.

TWA: the time weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

##### **Engineering Measures**

Avoid Inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

##### **Protective Protection Equipment**

The following personal protective equipment should be used:

(1). RESPIRATOR-None required if engineering and handling controls are adequate. Where engineering and handling controls are not enough to minimise exposure to total dust, personal respiratory protection may be required. The type of respiratory protection required depends primarily on the concentration of dust in the air, and frequency and length of exposure time.

(2). EYES-Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid liquid splashes, mists, gases or dusts. Recommended: Tightly fitting safety goggles (AS1336/1337)



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- (4). CLOTHING-Overalls or similar protective apparel that covers the skin fully are required including gloves (standard duty leather or equivalent AS 2161)  
(5). HYGIENIC PRACTICES- Wash hands and face thoroughly, before eating, smoking and using the lavatory and at the end of the working period. Wash work clothes regularly.

### **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Solid
Appearance	Virtually White Powder
Odour	None
Colour	White
pH	6-7
Melting Point	N/A
Solubility in water	Insoluble

### **SECTION 10 – STABILITY AND REACTIVITY**

Chemical Stability	Product is stable under normal conditions of use, storage and temperature
Conditions to avoid	Keep free of moisture
Incompatibilities	Incompatible with aluminium, strong acids and or alkali's
Materials to Avoid	No data available
Hazard Decomposition Products	None known
Hazardous Reactions	A corrosive substance harmful to exposed is the result of water addition to the point of creating a paste or slurry.

### **SECTION 11 – TOXICOLOGICAL INFORMATION**

Short Term Acute Exposure	
Eye Irritant	Dust is irritating to the eyes causing watering and redness. Exposure to dust may aggravate pre existing eye condition.
Ingestion	Unlikely under normal industrial use. Swallowing may result in nausea or abdominal discomfort.
Inhalation	Irritating to the nose, throat and respiratory tract causing coughing and sneezing. Pre-existing respiratory and lung diseases including asthma and bronchitis may be aggravated.
Carcinogen	No Data Available
Health Effects Long Term	
Eyes	Dust may cause irritation of the eyes and aggravate pre-existing eye conditions.
Skin	Repeated heavy contact with the dust may cause drying of the skin.
Inhaled	Repeated exposure to the dust may result in increased nasal and respiratory secretions and coughing. Inhaling dust may aggravate pre existing respiratory conditions.

### **SECTION 12 – ECOLOGICAL INFORMATION**



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<b>Ecotoxicity</b>	The physical and chemical nature of the product, and toxicological data on ingredients, indicate that this product is low risk.
<b>Mobility</b>	A low mobility would be expected and a landfill situation.
<b>Persistence and Degradability</b>	Product is persistent and would have a low degradability
<b>Bioaccumulation Potential</b>	This product is not expected to bioaccumulate
<b>Environmental Impact</b>	No Data Available

### SECTION 13 – DISPOSAL CONSIDERATIONS

**General Information** Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State and Federal Regulations or recycled/reconditioned at an approved facility.

Keep material out of storm water and sewer drains.

Measures should be taken to prevent dust generation during disposal, and exposure and personal precautions should be observed.

### SECTION 14 – TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the transport of dangerous goods by Road and Rail. Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG

### SECTION 15 – REGULATORY INFORMATION

**Poisons Schedule** Not scheduled

**AICS (Australia) Inventory** All components of this material are listed on or exempt from the Australian of Chemical substances. (AICS)

### SECTION 16 – OTHER INFORMATION

Please read the label before use.

Abbreviations-

ADG Code	Australian Code for the Transport of Dangerous goods by Road and Rail 7 <sup>th</sup> Edition
AICS	Australian Inventory of Chemical Substances
ASCC	Office of the Australian Safety and Compensation Council
CAS number	Chemical Abstracts Service Registry Number
CMR	Carcinogenic, Mutagenic or Toxic to Reproduction
DMEL	Derived Minimum Effect Level
DNEL	Desired NO Effect Level
EPA	Environmental Protection Agency
GHS	Globally Harmonised System of classification and labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to



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IARC	emergency services especially firefighters. International Agency for research on Cancer
IOELV	Indicative Occupational Exposure Limit Value
LC50	Lethal Concentration 50 percent
LD50	Lethal Dose 50 percent
NICNAS	National Industrial Notification and Assessment Scheme
NIOSH	National Institute for Occupational Safety and Health
NOS	Not otherwise Specified
NTP	National Toxicology Program (USA)
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PBT	Persistent Bio Accumulative Toxic chemical
PMCC	Pensky Martens Closed Cup
PNEC	Predicted No Effect Concentration
STEL	Short Term Exposure Limit
STOT-SE	Specific Target Organ Toxicity (Single Exposure)
STOT-RE	Specific Target Organ Toxicity (Repeated Exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time Weighted Average
UN Number	United Nations Number
vPvB	Very Persistent and Very Bio accumulative
WEEL	Workplace Environment Exposure Level
WEL-TWA	Workplace Exposure Limit, Time Weighted Average

MSDS Next Review Date

22 May 2028

END OF MSDS FOR TITAN PLASTER