



MATERIAL SAFETY DATA SHEET SHIMICRETE

HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA (NOHSC)

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Identification of Material

Product name: SHIMICRETE

Product code:

Intended use: Floor screeding and leveling, EPOCEMENT or PU CEMENT Filler

Chemical Name: EP

Identification of the Company

Manufacturer / Supplier: SHIMICOAT Pty Ltd, 9a Morse Road, BIBRA LAKE WA 6163

Phone: (+61) (08) 9434 3302

E-mail: info@shimi.com.au

Website: www.shimi.com.au

Emergency phone number: Poisons Information Centre.
Phone (Australia 13 1126; New Zealand 03 4747000).

Additional Information:

It is the user's responsibility to determine the suitability of this product for their applications and their methods of use.

Other Information:

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 MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. 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.

GHS Classifications

Skin Corrosion/Irritation:

Category 2

Skin Sensitization:

Category 1

Serious Eye Damage / EyeIrritation:

Category 1

Specific Target Organ Systemic Toxicity (Repeated Exposure):

Category 2

Signal word: DANGER

Pictograms



Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H373	May cause damage to lungs and respiratory tract through prolonged or repeated exposure.

Prevention statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response statements

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

Disposal statements

P501	Dispose of contents/container in accordance with relevant regulations.		
UN No	None Allocated	DG Class	None Allocated
Hazchem Code	None Allocated	Subsidiary Risk(s)	None Allocated
Pkg Group	None Allocated	EPG	None Allocated

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS Number	Concentration
CEMENT	65997-15-1	70 - 85%
HYDRATED LIME	1305-62-0	10 - 25%
GYPSUM ¹	10101-41-4	4-8%
CHROMIUM (VI) HEXAVALENT	18540-29-9	1-2%
Non Hazardous Ingredients	N/A	Balance

4. FIRST AID MEASURES

Eye	Flush thoroughly with flowing water for at least 15 minutes and seek medical attention if symptoms persist. If wet cement is splashed into the eyes flush thoroughly with flowing water for 15 minutes and seek urgent medical attention.
Inhalation	Remove from dusty area to fresh air. If symptoms persist, seek medical attention.
Skin	Remove heavily contaminated clothing immediately. Wash off skin thoroughly with water. A shower may be required. Seek medical attention for persistent irritation or burning of the skin
Ingestion	Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Eye wash station.

Additional Information - Aggravated Medical Conditions

Inhalation	Over exposure resulting from prolonged and repeated inhalation of dust containing crystalline silica can cause bronchitis, silicosis (scarring of the lung.) It may also increase the risk of scleroderma (a disease affecting the connective
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¹ NOTE: Ingredient may contain crystalline silica (CAS No. 14808-60-7).

tissue of the skin, joints, blood vessels and internal organs) and lung cancer. Epidemiological studies have shown that smoking increases the risk of bronchitis, silicosis (scarring of the lung) and lung cancer in persons exposed to crystalline silica.

- Skin** Prolonged and repeated skin contact with cement in wet concrete, mortars and slurries may result in irritant dermatitis or alkaline burns.
- Eye** Irritating to the eye. If wet cement is splashed into the eye alkaline burns can cause permanent damage.

5. FIREFIGHTING MEASURES

- Flammability** Non flammable. Does not support combustion of other materials.
- Fire and Explosion** No fire or explosion hazard exists.
- Extinguishing** Non flammable; use suitable extinguishing agent for surrounding fire.
- Hazchem Code** None.

6. ACCIDENTAL RELEASE MEASURES

- Spillage** If spilt (bulk), contact emergency services if appropriate. Wear dust-proof goggles, PVC/rubber gloves, a Class P2 respirator (where an inhalation risk exists), coveralls and rubber boots. Clear area of all unprotected personnel. Prevent spill entering drains or waterways. Collect and place in sealable containers for disposal or reuse. Avoid generating dust.
- Emergency** Follow safety requirements for personal protection under Section 8 *Exposure Procedures Controls/Personal Protection*.

7. HANDLING AND STORAGE

- Storage** Store in cool, dry, well ventilated area, removed from moisture, oxidising agents (eg. hypochlorites, phosphorus oxide), acids, (eg. hydrochloric acid), ethanol, interhalogens (eg. chlorine trifluoride) and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.
- Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Property/ Environmental Refer to Section 13.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Ventilation** Do not inhale dust/powder. Use with adequate ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
- Exposure Standards**
 CALCIUM HYDROXIDE (1305-62-0)
 ES-TWA: 5 mg/m3 (Respirable Dust)
 CHROMIUM (VI) HEXAVALENT(18540-29-9)
 ES-TWA: 0.05 mg/m3 (Chromium VI compounds)
 GYPSUM (10101-41-4)
 ES-TWA: 10 mg/m3 (Respirable Dust)
 CEMENT (65997-15-1)
 ES-TWA: 10 mg/m3 (Respirable Dust)
 SILICA, CRYSTALLINE – QUARTZ (14808-60-7)
 ES-TWA: 0.1 mg/m3 (Respirable Dust)
- PPE** Wear dust-proof goggles and rubber or PVC gloves. Where an inhalation risk exists, wear a Class P2 respirator. If there is potential for prolonged and/or excessive skin contact, wear coveralls. At high dust levels, wear a Class P3 respirator or a Powered Air Purifying Respirator (PAPR) with Class P3 filter.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine powder ranging in colour from grey to off-white
Solubility (water)	Slight, hardens on mixing with water
Odour	Odourless
Specific Gravity	2.5 to 3.2
pH	Approximately 12 (Alkaline)
% Volatiles	Not Available
Vapour Pressure	Not Available
Flammability	Non Flammable
Vapour Density	Not Available
Flash Point	Not Relevant
Boiling Point	Not Available
Upper Explosion Limit	Not Relevant
Melting Point	> 1200°C
Lower Explosion Limit	Not Relevant
Evaporation Rate	Not Available
Autoignition Temperature	Not Available
Bulk Density	1000 - 1600 kg/m ³
Particle Size	0 - 20% of particles are < 7 µm, ie in the respirable range

10. STABILITY AND REACTIVITY

Chemical Stability	Chemically Stable
Conditions to Avoid	Keep free of moisture
Incompatible Materials	Incompatible with oxidising agents (eg hypochlorites), ethanol, acids (eg hydrofluoric acid) and interhalogens (eg chlorine trifluoride). Water contact may increase product
Decomposition Products	Unlikely to evolve toxic gases when heated to decomposition.
Hazardous Reactions	None

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No known toxicity data available for this product.
Eye	Irritant upon contact with powder/dust. Over exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage.
Inhalation	Slightly corrosive. Irritating to the respiratory system, causing coughing and sneezing. Over exposure may result in severe mucous membrane irritation and bronchitis. Hexavalent chromium is reported to cause respiratory sensitisation, however due to the trace amount present, a hazard is not anticipated under normal conditions of use. Crystalline silica can cause silicosis (lung disease) with chronic over exposure, however due to low levels present and product application, adverse health effects are not anticipated.
Skin	Irritating to the skin. Prolonged and repeated contact with powder or wetted form may result in skin rash, dermatitis and sensitisation.
Ingestion	Slightly corrosive. Ingestion may result in burns to the mouth and throat, with vomiting and abdominal pain. Due to product form, ingestion is not considered a likely exposure route.
Mutagenicity	Insufficient data available for this product to classify as a mutagen.
Carcinogenicity	Cements are not classified as a carcinogen by NOHSC. Crystalline silica and hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1), however due to low levels present and product application, the criteria for classification is not met.

12. ECOLOGICAL INFORMATION

Toxicity	Product forms an alkaline slurry when mixed with water. This product is non toxic to aquatic life forms when present in cured solid form.
Persistence & Degradability	Product is persistent and would have a low degradability.
Mobility in soil	A low mobility would be expected in a landfill situation.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer for additional information.
Legislation	Dispose of in accordance with relevant local legislation. Keep out of sewer and stormwater drains.

14. TRANSPORT INFORMATION

Not classified as a dangerous good by the criteria of the ADG Code.

Drivers of trucks transporting bagged product should ensure that the bags are properly restrained.

Shipping Name	None Allocated	DG Class	None Allocated
UN No	None Allocated	Subsidiary Risk(s)	None Allocated
Hazchem Code	None Allocated	EPG	None Allocated
Pkg Group	None Allocated		

15. REGULATORY INFORMATION

Poison Schedule AICS

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. FURTHER INFORMATION

To the best of our knowledge, this MSDS summarizes the health and safety hazards, which may be posed by the product. However, SHIMICOAT makes no representation with regard to the completeness or accuracy of the information or of any recommendations contained in this data sheet, and it accepts no responsibility for loss or damages whatsoever resulting from the use of, or reliance upon, the information and any recommendations herein.

REFERENCES

Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals, February 2016

- Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)] and subsequent amendments
- Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), Edition 7.3, August 2014
- Standard for the Uniform Scheduling of Drugs and Poisons No. 23, June 2008

Reason for issue:

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

Product Name:	SupaCure Protective Coating / Part A
Issued:	01 Aug 2025
Version:	V01

Additional Information

CEMENT CONTACT DERMATITIS:

Individuals using wet cement, mortar, grout or concrete could be at risk of developing cement dermatitis. Symptoms of exposure include itchy, tender, swollen, hot, cracked or blistering skin with the potential for sensitisation. The dermatitis is due to the presence of soluble (hexavalent) chromium.

IARC – GROUP 1 PROVEN HUMAN CARCINOGEN. This product contains an ingredient for which there is sufficient evidence to have been classified by the International Agency for Research into Cancer as a human carcinogen. The use of products known to be human carcinogens should be strictly monitored and controlled.

RESPIRATORS In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The Recommendation for protective equipment contained within this SDS report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare an SDS report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:

mg/m³ - Milligrams per cubic metre

ppm - Parts Per Million

ES-TWA - Exposure Standard - Time Weighted Average

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service Number - used to uniquely identify chemical compounds.

IARC - International Agency for Research on Cancer.

Report Status This document has been compiled by SHIMICOAT Pty Ltd the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ("MSDS"). While SHIMICOAT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, SHIMICOAT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

Contact Point

Manufacturer / Supplier:

Phone:

E-mail:

Website:

Emergency phone number:

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(+61) (08) 9434 3302

info@shimi.com.au

www.shimi.com.au

Poisons Information Centre

Phone (Australia 13 1126; New Zealand 03 4747000)

Advice Note The information in this document is believed to be accurate. Please check the currency of this MSDS by contacting SHIMICOAT

The provision of this information should not be construed as a recommendation to use this product in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Users should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

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