

Safety Data Sheet for Diamond Patching Compound T82:

SECTION 1- IDENTIFICATION

Product name: Diamond Patching Compound T82

Intended use: Fast setting, high early strength, shrinkage compensated repair mortar

Name, Address, and Telephone of the Responsible Party:

Diamond Dry Mortars Inc.
Warehouse 8, Michael Commercial Complex,
Molino-Paliparan Road, Paliparan 1,
Dasmarinas, Cavite 4114,
Philippines

Emergency phone # : +63 454 4266

Product identity : "Diamond Patching Compound T82"

Date Prepared : 11th September, 2022

SDS Version : 1

SECTION 2- HAZARD IDENTIFICATION COMPONENTS

GHS Label element

Hazard pictograms:



Signal Word: Danger

Hazard statements

H314 - Causes severe skin burns and eye damage

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Phone +63 454 4266, E-mail: sales@diamonddrymortars.com



Precautionary statements

H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H350 - May cause cancer (Inhalation)
H372 - Causes damage to organs through prolonged or repeated exposure
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust.
P261 - Avoid breathing dust.
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, face protection, eye protection.
P281 - Use personal protective equipment as required.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353+P352 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove person 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.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment (see Section 4).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container according to local, regional, state, national, territorial, provincial, and international regulations.

SECTION 3- COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

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Ingredient Name	CAS Number	Percent	Classification
Portland Cement	65997-15-1	20-40	Skin Corr. 1C H314 Eye Dam. 1 H318 Skin Sens. 1 H317 Carc. 1A H350 STOT SE 3 H335
Calcium Aluminate Cement	65997-16-2	1-10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Calcium Carbonate	1317-65-3	> 30	STOT 3, H335
River sand (Silica Sand)	14808-60-7	0-30	STOT 1, H350; STOT SE 3, H335; Carc 1A, H372

SECTION 4-FIRST AID MEASURES

Health Effects

Eyes : Short-term exposure, irritating. Long term exposure, irritating may cause inflammation of the cornea.

Skin : Irritation.

Inhalation : Excessive concentrations of a nuisance dust may cause nuisance condition such as coughing, sneezing and nasal irritation.

Ingestion : Mild corrosive action.

First Aid

Eye Contact : Do not rub eye. Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelid widely. If irritation persists; seek medical attention as soon as possible.

Skin Contact : Wash the affected area thoroughly with soap and water before continuing. If discomfort, irritation or other symptoms of irritation occur seek medical advice.

Inhalation : If irritation occurs, move to fresh air. If nose or airways become inflamed seek medical advice.

Ingestion : Wash out mouth with water. Do not induce vomiting, drink plenty of water. If irritation persists; seek medical attention as soon as possible.

SECTION 5- FIRE AND EXPLOSION DATA

Flash Point : N/A

Explosive Limit : N/A

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Extinguishing Media : CO₂ , extinguishing powder or water spray jet.

SECTION 6 – ACCIDENTAL RELEASE MEASURE

No dangerous materials released. Collect up spillage by mechanical means, minimizing the generation of airborne dust.

SECTION 7 – HANDLING AND STORAGE

Handling : Observe the normal precautions when handling packaged product (Manual Handling Operations Regulations 1992). Avoid the generation of airborne dust.

Storage : Store in original packaging under dry conditions. Stack in safe and stable manner.

SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limit : TLV : 10mg/m³ of air

Engineering Measure : None

Personal Protection : Use of impervious gloves, boots and clothing to protect the skin from contact with dust and wet mixture.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

Physical Characteristic : White or grey powder with up to 1mm particles

Specific gravity : 2200-2500 Kg/m³

Bulk gravity (product in bags) : 1500-2000 Kg/m³

PH : Approximately 12 at 20 °C saturated solution.

SECTION 10 – STABILITY AND REACTIVITY

Stable when stored correctly, no dangerous reactions or decomposition products known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Strong effect for the eyes with danger of serious damage to eyes. Irritant effect on the skin and mucous membranes

SECTION 12 – ECOLOGICAL INFORMATION

Stable in soil. Slightly hazardous. Do not allow large quantities to reach the ground water, rivers, drainage and sewage systems. Soil and ground water in contact with freshly set and hardened



mortar may become more alkaline. The rise in pH may be toxic to some forms of aquatic life in certain circumstances and to plants.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose the empty bags or surplus product at a place authorized to accept builder waste. Product must not be disposed of with household waste.

SECTION 14 – TRANSPORT INFORMATION

Not classified as hazardous for transport purposes and is not regulated by the Transportation of Dangerous Goods (TDG) when shipped by any mode of transport.

UN Number:	None allocated
Proper Shipping Name:	None allocated
Class and Subsidiary Risk:	None allocated
Packing Group:	None allocated
Special precautions for user:	Avoid generating and breathing dust
Hazchem Code:	None allocated

SECTION 15 – REGULATORY INFORMATION

All raw materials are registered (in Malaysia) by Environmentally Hazardous Substances Notification and Registration " (EHSNR) identified by CAS numbers:

Ingredient Name	CAS Number
Portland Cement	65997-15-1
Calcium Aluminate Cement	65997-16-2
Calcium Carbonate	1317-65-3
River sand (Silica Sand)	14808-60-7

SECTION 16 – OTHER INFORMATION

Use only for the purposes intended. This information is based on our present state of knowledge and is intended to describe our product form the point of view of the safety requirement. It should not be construed as guaranteeing specific properties.

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