

## Safety Data Sheet for Diamond Tile Adhesives:

Diamond Standard A8, Diamond Grip A10 and Diamond Flex A12

### SECTION 1- IDENTIFICATION

**Product name:** Diamond Standard A8, Diamond Grip A10 and Diamond Flex A12

**Intended use:** Polymer modified mortar to be used for installing tiles

**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 Grip A10” and “Diamond Flex A12”

Date Prepared : 28<sup>th</sup> February, 2020

SDS Version : 3

### SECTION 2- HAZARD IDENTIFICATION COMPONENTS

**GHS Label element**

Hazard pictograms:



**Signal Word:** Danger



**Hazard statements**

H314 - Causes severe skin burns and eye damage

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

**Precautionary statements**

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**

Diamond Dry Mortars Inc. Warehouse 8, Michael Commercial Complex,  
Molino-Paliparan Road, Paliparan 1, Dasmariñas, Cavite 4114, Philippines  
Phone +63 454 4266, E-mail: sales@diamonddrymortars.com



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 Carbonate	1317-65-3	> 40	STOT 3, H335
River sand (Silica Sand)	14808-60-7	0-40	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

Extinguishing Media : CO<sub>2</sub> , extinguishing powder or water spray jet.

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## **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/m<sup>3</sup> 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 : 2500-2700 Kg/m<sup>3</sup>

Bulk gravity (product in bags) : 1000-1500 Kg/m<sup>3</sup>

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.

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

<b>Ingredient Name</b>	<b>CAS Number</b>
Portland Cement	65997-15-1
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.

Date Prepared : 28<sup>th</sup> February, 2020