



Your Reliable Products

# ASG PLASTER BOARD

## Safety Data Sheet

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product Details

Product Name	: Plaster board
Trade Name	: ASG
Product Application	: Plaster Ceiling
Chemical Name	: Not applicable
Chemical Formula	: Not applicable
Molar Mass	: Not applicable
Chemical Family	: Not applicable
Manufacturer's Code	: No information

#### 1.2 Company Identification

Manufacturer's Name and Address	: Besstar Plaster Manufacturing Sdn. Bhd. No. 11A, Jalan 3/23B Taman Danau Kota Setapak 53300 Kuala Lumpur
Office Number	: 03 – 3122 8505/8515
Emergency Telephone Number	: 012-331 5160

## SECTION 2: HAZARD IDENTIFICATION

### Globally Harmonization System (GHS) Label Elements



**Warning**

### Globally Harmonization System (GHS) Classification

Acute Toxicity (Oral) Category 5	: H303	May be harmful if swallowed
Skin Corrosion/Irritation Category 1	: H314	Causes severe skin burns
Serious Eye Damage Category 1	: H318	Causes serious eye damage
Specific Target Organ Toxicity Category 3 (single exposure)	: H335	May cause respiratory irritation
Specific Target Organ Toxicity Category 1 (repeated exposure)	: H327	Causes damage to respiratory system, immune system and kidney through prolonged or repeated exposure.

### Precautionary Statements

#### Prevention

P260	Do not breathe dust.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P285	In case of inadequate ventilation wear respiratory protection.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.

## Precautionary Statements

### Response

P303+P361+P353	If on skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	If inhaled: Remove victim 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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P304+P340	If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P307+P311	If exposed: Call a POISON CENTRE or doctor/physician.
P314	Get medical advice/attention if you feel unwell.

### Storage

P405	Store locked up.
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### Disposal

P501	Dispose of contents/container in accordance with all local/regional/national/international regulations.
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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENT

No.	Chemical Name	CAS No.	Proportion (%)
1	Gypsum	10101-41-4	80
2	Fibre Glass Yarn	Not applicable	20

## SECTION 4: FIRST AID MEASURES

### Ingestion

Rinse mouth. Do not induce vomiting. Immediately call a doctor/physician

### Eye contact

Flush with water at least 15 minutes, consult a physician immediately.

### Skin contact

Flush skin with plenty of water for 15 minutes. Get medical attention if irritation develops.

## SECTION 5: FIRE FIGHTING MEASURES

### Suitable extinguishing media

In case of fire use foam, water or extinguishing media appropriate for surrounding fire.

### Unusual Fire and Explosion Hazards

The mixture poses no fire-related hazard.

### Specific hazards arising from the chemical

None known.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Ensure adequate ventilation. Wear personal protective equipment.

### Environmental precautions

Do not allow product to enter into soil/subsoil, surface water or drains

### Clean up

Sweep spilled substance into covered containers.

### Disposal

Follow all local and federal regulations. Never discharge large releases directly into sewers or surface water .

## SECTION 7: HANDLING AND STORAGE

### Handling

Handle with care. Wash hand thoroughly with water after handling.

### Storage

Store in a dry, cool and well-ventilated area.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Local exhaust	: Recommended.
General Ventilation	: Recommended.
Hand Protection	: Suitable protective gloves.
Eye Protection	: Safety/protective glasses.
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White pieces of Plaster board
Solubility (in water)	: No information
Boiling point	: No information
Melting point	: No information
Vapour Pressure (mm of Hg at 25°C)	: No information
Percentage Volatiles	: No information
Evaporation Rate	: No information
Vapour Density	: No information
Specific Gravity	: No information
Flash point	: No information
Autoignition temperature	: No information
Flammable	: Not flammable <sup>1)</sup>
pH	: No information
Particle size	: No information
Log Pow	: No information
Density	: No information

## SECTION 10: STABILITY AND REACTIVITY

Stability	: Stable under normal condition of use.
Incompatibility (material to avoid)	: None identified.
Condition to avoid	: None identified.
Dangerous products of decomposition	: Under normal condition of storage and use, hazardous decomposition of products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **Acute Toxicity -Oral**

Disodium metasilicate: LD<sub>50</sub> Rats = 1750 mg/kg bw<sup>2)</sup>.

Calcium silicate: LD<sub>50</sub> Rats >5000 mg/kg<sup>3)</sup>.

### **Acute Toxicity –Inhalation**

No information.

### **Acute toxicity – Dermal**

No information.

### **Skin corrosion/irritation**

Disodium metasilicate: corrosive on skin<sup>2)</sup>.

**Serious eye damage/irritation**

Disodium metasilicate: corrosive on rabbit eye tests<sup>2)</sup>.  
 Silicon dioxide: causes serious eye irritation<sup>4)</sup>.

**Skin sensitization**

Disodium metasilicate: negative result in the Local Lymph Node Assay using mice<sup>2)</sup>.

**Respiratory sensitization**

No information.

**Germ cell mutagenicity**

Disodium metasilicate: negative result in chromosomal aberration tests using mouse bone marrow cells<sup>2)</sup>.

**Carcinogenicity**

Disodium metasilicate: no sign of carcinogenicity detected<sup>2)</sup>.  
 Silicon dioxide: may cause cancer Category 1A<sup>4)</sup>.

**Reproductive Toxicity**

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**Specific target organ toxicity -single exposure**

Disodium metasilicate: may cause damage to nervous system<sup>2)</sup>.  
 Silicon dioxide: respiratory tract irritation Category 3<sup>4)</sup>.

**Specific target organ toxicity -repeated exposure**

Silicon dioxide: cause damage to respiratory system, immune system, kidney through prolong or repeated exposure<sup>4)</sup>.  
 Gypsum: may cause respiratory irritation<sup>5)</sup>.

**Aspiration hazard**

No information.

**SECTION 12: ECOLOGICAL INFORMATION**

**Acute (Short-term) aquatic hazard**

Disodium metasilicate:LC<sub>50</sub> *Zebra fish* >210mg/L, 96h

**Long-term aquatic hazard**

No information.

**SECTION 13: DISPOSAL INFORMATION**

For large quantities	: Dispose of material in accordance with federal and local regulations. Consult with environmental regulatory agencies for guidance.
For small quantities	: Do not pour leftover down the drain.

## SECTION 14: TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labelling and markings are in compliance with the selected mode of transport.

## SECTION 15: REGULATORY INFORMATION

Calcium silicate : TWA 10 mg/m<sup>3</sup> (for particulate matter containing no asbestos and < 1% crystalline silica) according to Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulation 2000, Occupational Safety And Health Act 1994, Malaysia.

## SECTION 16: OTHER INFORMATION

### References:

1. Result summary report SIRIM Berhad ETRC257/16/1039 (R051/19) issued on 19 February 2019.
2. GHS Classification Guidance by the Japanese Government, Ministry of Health, Labour and Welfare and Ministry of Environment of Disodium Metasilicate, FY2008.
3. Hazardous substance data bank (HSDB) of the National Library of Medicine TOXNET system of Calcium silicate.
4. GHS Classification Guidance by the Japanese Government, Ministry of Health, Labour and Welfare and Ministry of Environment of Silicon dioxide, FY2015.
5. GHS Classification Guidance by the Japanese Government, Ministry of Health, Labour and Welfare and Ministry of Environment of Gypsum, FY2015.
6. Industry Code of Practice on Chemicals Classification and Hazard Communication, 2014 by Department of Occupational Safety and Health (DOSH).
7. Occupational Safety and Health (Use and Standards Of Exposure Of Chemicals Hazardous To Health) Regulation 2000, Occupational Safety And Health Act 1994, Malaysia.
8. Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

### Disclaimer:

The data and information provided in this Safety Data Sheet is true and based on our investigation. The user of the product is responsible to ensure that the product is suitable for the intended purpose and the method of use is correct. We do not accept any responsibility or disclaim of liability for the use of the material which is beyond our control.