

# SAFETY DATA SHEET

## SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name** : **CL-Pruf (Part B)**  
**Code** : **501, 503**  
 Recommended/Restriction of use : Cementitious Waterproofing Slurry  
  
 Supplier : CLP Construction Systems Sdn. Bhd.  
 Lot 9, Jalan Sultan Mohamed 4, Selat Klang Utara,  
 42000 Port Klang, Selangor Darul Ehsan, Malaysia.  
 Tel: 603-3176 5099 ext: 224 or 606-2631677

## SECTION 2 : HAZARD IDENTIFICATION

### GHS CLASSIFICATION

#### Physical Hazard: -

Not applicable

#### Health Hazard: -

Skin corrosion or irritation (when moistened) : Category 2  
 Serious eye damage or eye irritation : Category 1  
 Skin sensitization : Category 1  
 Specific target organ/systemic toxicity following single exposure : Category 3

#### Other Hazard: -

Corrosive when moistened. When mixed with water (making concrete, mortar or when damp) a strong alkaline solution is produced.

### GHS LABEL ELEMENT

#### Pictograms:



**Signal Word** : **DANGER**

### GHS HAZARD STATEMENTS

#### Physical Hazards: -

Not applicable

#### Health Hazards: -

H315: Causes skin irritation (when moistened).  
 H317: May cause an allergic skin reaction.  
 H318: Causes serious eye damage.  
 H335: May cause respiratory irritation.

### GHS PRECAUTIONARY STATEMENTS:

#### Prevention:-

P260: Do not breathe dust.  
 P261: Avoid breathing dust.  
 P264: Wash hand, face and other necessary parts thoroughly after handling.  
 P271: Use only outdoor or in a well-ventilated area.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:-

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 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.  
 P310: Immediately call a POISON CENTRE or doctor/physician.

P312: Call a POISON CENTRE or doctor/physician if you feel unwell.  
 P321: Specific treatment. Reference to supplemental first aid instruction.  
 P332+P313: If skin irritation occurs: get medical advice/attention.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P362: Take off contaminated clothing and wash before reuse.  
 P363: Wash contaminated clothing before reuse.

**Storage:-**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.

**Disposal:-**

P501: Dispose of contents and container to appropriate waste side or reclaimer in accordance with local/regional/national/international regulations.

<b>SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENT</b>
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**Chemical Characterization: Mixture****Classification of Hazardous Components According to GHS:**

Chemical Name	CAS No.	Proportion	Hazards Classification
GGBS	65996-69-2	10 – 30%	H315, H317, H318, H335
Hydraulic Cement	65997-15-1	30 – 60%	
Silica Sand	14808-60-7	30 – 60%	

<b>SECTION 4 : FIRST AID MEASURES</b>
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**The First Aid Measures for Different Exposure Routes****Inhalation:**

Precautionary measures to minimize dust creation and use of suitable respiratory protection during handling and use to precedence over corrective measures. If dust is inhaled, move to fresh air. If nose or airways become irritated or inflamed, obtain medical attention.

**Skin Contact:**

Remove contaminated clothing and wash affected areas of skin with copious quantities of water. Obtain medical attention if any irritation persists.

**Eyes Contact:**

Irrigate the eyes with water or suitable proprietary eyewash for at least 15 minutes. Obtain immediate medical attention.

**Ingestion:**

Wash the mouth out with water, but do not swallow, then drink copious quantities of water. Do not induce vomiting.

<b>SECTION 5 : FIRE FIGHTING MEASURES</b>
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**Suitable Fire Extinguishing Media:**

Use extinguishing media appropriate for surrounding fire.

**Specific Hazards Arising from the Substance or Mixture:**

Water used for fire extinguishing, which has been in contact with the product, may be corrosive.

**Special Protective Equipment and Precautions for Fire-fighters:**

Selection of respiratory protection for fire-fighting: follow the general fire precautions indicated in the workplace. In case of contact with water used for fire extinguishing, use chemical resistant protective suit.

Normal precautions of fire-fighting from a reasonable distance.

<b>SECTION 6 : ACCIDENTAL RELEASE MEASURES</b>
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**Personal Precautions, Protective Equipment and Emergency Procedures:**

Take precaution to prevent inhalation of dust and also avoid contact with skin and eyes. Provide adequate ventilation. Use protective gloves, goggles, and suitable protective clothing.

**Environmental Precautions:**

Do not allow to enter drains, sewers or watercourses. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

**Methods and Materials for Containment and Cleaning:**

Recover spillage in a dry state if possible but minimize the generation of airborne dust. Use of water will subsequently cause the product to set as a hard material.

**SECTION 7 : HANDLING AND STORAGE****Precautions for Safe Handling:**

Avoid creation of dust during use. Take precautions to prevent inhalation or eye contact with dust. Avoid skin and eye contact with wet product. Remove grossly contaminated clothing and laundry before reuse. Wash hands after each work period and before meal and beverage breaks. The preparation or consumption of food or drink in the work area should be prohibited.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Bags of product should be stacked in a safe and stable manner. Stored under cover and keep dry.

**SECTION 8 : EXPOSURE CONTROL AND PERSONAL PROTECTION****Control Parameters**

Permissible Exposure Limit for Respirable Quartz	: 0.1 mg/m <sup>3</sup>
Permissible Exposure Limit for Respirable Dust	: 5.0 mg/m <sup>3</sup>
Permissible Exposure Limit for Total Dust	: 10.0 mg/m <sup>3</sup>

**Engineering Controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contain ingredient with exposure limit use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limit.

**Individual Protective Equipment****Respiratory Protection:**

Dust mask is recommended during handling.

**Hand Protection Description:**

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.

**Eye/Face Protection:**

Wear dust resistant safety goggles where there is danger of eye contact.

**Skin and Body Protection Description:**

Wear appropriate equipment to prevent skin contact with wetted product; equipment could include water resistant footwear, gaiters, leggings and apron.

**Hygiene Measures:**

Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Physical state/appearance	: Grey powder
Odour	: Slightly sweet odour which increase in intensity when mixed with water
Odour threshold	: No data available
pH	: Produces high alkaline pH when mixed with water
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid)	: Not applicable
Upper/lower flammability or explosive limits	: Not applicable
Vapour pressure	: Not applicable
Vapour density	: Not applicable
Relative density	: No data available
Solubility	: Miscible with water
Partition coefficient: n-octanol/water	: Not applicable
Auto ignition temperature	: Not applicable
Decomposition temperature	: No data available

Viscosity : Not applicable  
 Specific gravity (bulk) : 1.2 @ 28°C

## SECTION 10 : STABILITY AND REACTIVITY

### Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

### Chemical Stability:

Stable under normal conditions or storage in use.

### Possibility of Hazardous Reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to Avoid:

The product will harden into hard mass in contact with water and moisture.

### Incompatible Materials:

No specific data.

### Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity	: Not classified
Skin corrosion/irritation	: Mortar mixture has an irritating effect on moist skin. Repeated or prolonged contact with skin may cause allergic reactions in sensitive individuals.
Serious eye damage/irritation	: Mortar mixture is a severe eye irritant and brief exposure will cause some soreness. Gross exposure or untreated mild exposures will likely lead to chemical burning and ulceration of the eyes. Immediate first aid is necessary.
Respiratory sensitization	: No specific data
Skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: No specific data
Carcinogenicity	: No specific data
Reproductive toxicity	: No specific data
STOT – single exposure	: May cause respiratory irritation
STOT – repeated exposure	: No specific data
Aspiration hazard	: No specific data

## SECTION 12 : ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and Degradability

The product reacts with water to form a solid insoluble reaction product which is non-degradable, according to information available.

### Bioaccumulation Potential

Bioaccumulation : No data available.

### Mobility in Soil

Mobility : No data available.

### Other Adverse Effects

May causes local adverse ecological effects in aquatic system due to alkaline properties.

## SECTION 13 : DISPOSAL INFORMATION

### Methods of Waste Disposal

Dispose of waste material in a manner which minimises dust creation and complies with the relevant waste disposal regulations via authorized disposal operatives.

**SECTION 14 : TRANSPORT INFORMATION**

	Land Transport (ADR/ RID-AND)	Sea Transport (IMDG)	Air Transport (IATA)
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	Not regulated	Not regulated	Not regulated
Transport Hazard Class	Not regulated	Not regulated	Not regulated
Packing Group	Not regulated	Not regulated	Not regulated
Environmental Hazard	Not regulated	Not regulated	Not regulated

**SECTION 15 : REGULATORY INFORMATION**

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

**Local Regulations**

- Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulation 2013 (CLASS Regulations).
- Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulation 2000.
- Environmental Quality Act 1974.
- Environmental Quality (Scheduled Wastes) Regulations 2005.
- Mineral Dust Regulation 1989.

**SECTION 16 : OTHER INFORMATION**

**Date of Preparation** : 7<sup>th</sup> November 2024

**Revision Number** : 6

**Source of Data** : SDS of Material Manufacturers

**Additional Information** : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product. For further information, contact **CLP Construction Systems Sdn. Bhd.**

**Details of Changes from Previous SDS:-**

Section	Details of Changes
2	Amendment on the hazard classifications
3	Amendment on classification of hazardous components
11	Amendment on the toxicological information