



PMIX SDN. BHD. (1332291-T)

LOT 8600, BATU 11, JALAN SEGENTING, 42500 TELOK PANGLIMA GARANG SELANGOR, MALAYSIA.

Tel: 03-31228505/8515

Fax : 03-3122 9505

Email : info@pmix.com.my

KINGDOM STOPPING COMPOUND

Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Details

Product Name	: Kingdom Stopping Compound
Trade Name	: Kingdom Stopping Compound
Product Application	: Plaster adhesive
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	: PMIX Sdn. Bhd. LOT 8600, BATU 11, JALAN SEGENTING 42500 TELOK PANGLIMA GARANG SELANGOR, MALAYSIA.
Office Number	: 03 – 3122 8505/8515
Emergency Telephone Number	: 012-7957030

1.3 General Information

Contact person	: So Ken Seng
Designation	: Manager
Tel. No	: 012-7957030



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SECTION 2: HAZARD IDENTIFICATION

Globally Harmonization System (GHS) Label Elements



Warning

Globally Harmonization System (GHS) Classification

Specific target organ toxicity (STOT) - : H335 May cause respiratory tract irritation
single exposure Category 1

Precautionary Statements

Prevention

- P262 Do not get in eyes, on skin, or on clothing
P264 Wash thoroughly after handling
P261 Avoid breathing dust/fume.
P271 Use only outdoors or in well-ventilated area

Response

- P302+P350 If on skin: Gently wash with plenty of soap and water.
P361 Remove/take off immediately all contaminated clothing.
P304+P340 If inhaled: Remove victim to fresh air and keep at rest in a position
P310 Immediately call a POISON CENTRE or doctor/physician

Storage

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

Disposal

- P501 Dispose of contents and 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	Calcium sulphate	10034-76-1	65
2	Calcium carbonate	471-34-1	20
3	Cellulose Thickener	Not applicable	15

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 .



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SECTION 7: HANDLING AND STORAGE

Handling

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

Storage

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Separated from acids, aluminium and ammonium salt.

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 powder
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 ¹⁾
pH	: No information
Particle size	: No information
Log Pow	: No information
Density	: No information



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SECTION 10: STABILITY AND REACTIVITY

Stability	: Stable under normal condition of use.
Condition to avoid	: Acids and strong oxidizing agent.
Dangerous products of decomposition	: Calcium carbonate, when heated to decomposition it emits acrid smoke and irritating vapours. At 825oC it decomposes into calcium oxide and carbon dioxide ²⁾ .
Incompatibilities	: Calcium carbonate ignite and burn fiercely in contact with fluorine. When a mixture of magnesium and calcium carbonate is heated in a current of hydrogen, a violent explosion occurs. Calcium carbonate reacts with acids with evolution of carbon dioxide and heat ²⁾ .

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity -Oral

Calcium carbonate: Not classified, LD₅₀ (rat) =6450 mg/kg bw²⁾

Celullose thickener: Not classified, LD₅₀ (rat) >5000 mg/kg³⁾

Acute Toxicity –Inhalation

Calcium carbonate: Not classified, Rat was exposed to 0.0812 mg/L for 90 minutes/after 21 hr, with marginal increase of phospholipids in lung lavage but no effect on lung weight, macrophage concentration or hispatology²⁾.

Acute toxicity – Dermal

No information.

Skin corrosion

No information.

Skin irritation

No information.

Serious eye damage/irritation

Calcium carbonate: no toxic effect found when applied to surface of rabbit eyes. 8 mg of calcium carbonate was injected into anterior chamber of rabbit caused moderate rise of intraocular pressure lasting less than 24hr²⁾.

Skin sensitization

No information.

Respiratory sensitization

No information.



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Germ cell mutagenicity

Calcium carbonate: Not classified since negative results of Ames *Salmonella Typhimurium*²⁾

Carcinogenicity

No Information

Reproductive Toxicity

Calcium carbonate: Rats were fed up to 1.25% dietary calcium carbonate for 6 weeks prior to mating and during gestation and found no adverse effects²⁾.

Specific target organ toxicity -single exposure

Calcium sulfate: Respiratory tract irritation Category 3³⁾.

Specific target organ toxicity -repeated exposure

No information.

Aspiration hazard

No information.

SECTION 12: ECOLOGICAL INFORMATION

Acute (Short-term) aquatic hazard

Calcium carbonate: LC₅₀ *Gambusia affinis* > 56000 mg/L/96hr²⁾.

Cellulose thickener: LC₅₀ *Oncorhynchus mykiss* >100mg/L/96hr³⁾.

Cellulose thickener: EC₅₀ *Daphnia magna* >100mg/L/48hr³⁾.

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.



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SECTION 15: REGULATORY INFORMATION

Calcium Carbonate : TWA 10 mg/m³ (for particulate matter containing no asbestos and
and Calcium sulfate < 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. Hazardous substance data bank (HSDB) of the National Library of Medicine TOXNET system of Calcium carbonate CASRN:471-34-1.
3. National Institute of Technology and Evaluation (NITE)-Chemical Management Field of Calcium sulfate hemihydrate.
4. Safety datasheet of cellulose thickener Bermocoll M30 Version 3 by AkzoNobel (given by client).
5. Industry Code of Practice on Chemicals Classification and Hazard Communication, 2014 by Department of Occupational Safety and Health (DOSH).
6. Occupational Safety and Health (Use and Standards Of Exposure Of Chemicals Hazardous To Health) Regulation 2000, Occupational Safety And Health Act 1994, Malaysia.
7. 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.