

USG Boral Sdn. Bhd.
Lot 606, Off Jalan SS13/1K,
47500 Subang Jaya,
Selangor Darul Ehsan,
Malaysia.
Tel: +60 (3) 5629 2000
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SAFETY DATA SHEET

According to CLASS Regulations 2013 (GHS)

SECTION 1: IDENTIFICATION OF THE CHEMICAL AND OF THE SUPPLIER

1.1. PRODUCT IDENTIFIER

Product name

USG Boral SHEETROCK® Brand Base Compound

Other means of identification

Joint Compound, Taping Compound, Mud

Recommended use of the chemical and restrictions on use:

Use for plasterboard jointing.

Uses advised against

None known

1.2. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Suppliers:

USG Boral Sdn. Bhd.
Lot 606, Off Jalan SS13/1K, 47500 Subang Jaya,
Selangor Darul Ehsan,
Malaysia.
Tel: +603 5629 2000
Fax: +603 5629 2008

1.3 EMERGENCY TELEPHONE NUMBER

Malaysia:

National Poison Center,
Universiti Sains Malaysia,
11800 Penang, Malaysia.

Office Hours:

1-800-88-8099 / +6 04-657 0099
(Monday-Friday: 8.10am-5.10pm)

After Office Hours:

+6 012-430 9499
(including weekends and public holidays)

SECTION 2: HAZARD IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification of mixture according to CLASS Regulations 2013, Malaysia (Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 3rd Edition):

Skin Irritation – Category 2

Eye Irritation – Category 2

STOT SE – Category 3

2.2. LABEL ELEMENTS

Hazard Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

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

P501 Dispose of contents/container in accordance with local/regional/national regulations.

2.3. OTHER HAZARDS NOT OTHERWISE CLASSIFIED

No information available

SECTION 3: COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE CHEMICAL

3.1 SUBSTANCE

Not applicable

3.2 MIXTURE

Product is a mixture

Ingredients	CAS Number	Weight %
Limestone Or Dolomite	1317-65-3 16389-88-1	>70
Water	7732-18-5	>20
Vinyl Acetate Polymer Or Ethylene Vinyl Acetate Polymer	9003-20-7 24937-78-8	<5
Kaolin	1332-58-7	<5
Crystalline Silica	14808-60-7	<2

The weight percent for silica represents total quartz and not the respirable fraction. The weight percent of respirable silica has not been measured in this product.

SECTION 4: FIRST-AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

Skin contact:

Wash off with soap and water. Seek medical attention if symptoms occur.

Inhalation:

Remove to fresh air. Allow to rest. Seek medical attention if discomfort persists.

Eye contact:

Flush with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists seek medical attention.

Ingestion:

Wash mouth out with water. Drink copious amounts of water if actual ingestion has occurred.

Protection of first-aiders:

Wear personal protective equipment as stated in Section 8.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Inhalation: May cause respiratory irritation and coughing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration.

Skin Contact: Causes skin irritation, redness and rash.

Eye Contact: Causes serious eye irritation, lacrimation, pain and redness.

Ingestion: May cause mild gastrointestinal effect.

4.3. INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media:

In case of fire, use extinguishing media suitable for surrounding fire. Water, foam, dry chemical or carbon dioxide extinguishers can be used.

Extinguishing media which must not be used for safety reasons:

None known.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Not combustible.

5.3. SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

For personal protection equipment, Refer Section 8. Keep unnecessary and unprotected personnel from entering area. Put on appropriate personal protective equipment.

6.2. ENVIRONMENTAL PRECAUTIONS

Avoid discharge to drains, sewers, and other water systems.

6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Spills: Scoop up. Flush area with water before material dries. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Minimize dust generation when mixing or sanding. Wash hands after handling. Observe good industrial hygiene practices.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool place. Avoid freezing and direct sunlight. Avoid contact with acids, water and moisture.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Occupational exposure limits

Malaysia (USECHH Regulation)	Calcium carbonate (1317-65-3)	10 mg/m³ TWA airborne concentration
	Kaolin (1332-58-7)	2 mg/m³ TWA airborne concentration
	Silica (quartz) (14808-60-7)	0.1 mg/m³ respirable fraction

USA (ACGIH Threshold Limit Values, TLV) Calcium sulfate hemihydrate (10034-76-1) **10 mg/m³** TWA
 Silica (14808-60-7) **0.025 mg/m³** TWA (respirable)

Singapore Workplace Safety and Health (General Provisions) Regulations 2006:

PEL	Calcium carbonate	10 mg/m³ (Long term)
	Kaolin, respirable dust	2 mg/m³ (Long term)
	Silica (quartz) respirable dust	0.1 mg/m³ (Long term)

8.2. EXPOSURE CONTROLS

ENGINEERING CONTROLS

Provide sufficient ventilation for operations. Observe occupational exposure limits and minimize the risk of exposure.

EYE PROTECTION

Safety goggles if dusty conditions.

PROTECTION FOR SKIN

Wear suitable protective clothing. It is a good industrial hygiene practice to minimize skin contact.

PROTECTION FOR HANDS

For prolonged or repeated skin contact use suitable protective gloves.

RESPIRATORY PROTECTION

Use Class P1 respirator which conforms with AS1716 9 (eg. 3M 8710 disposable respirator or equivalent) where the dust generated is likely to exceed the exposure standard. Wet sand if possible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Paste
Colour:	Off White
Odour:	Low to no odour
Odour Threshold	Not determined
Melting point (°C):	Not applicable
Boiling point (°C):	Not applicable
Flash point (°C):	Not applicable
Evaporation rate:	Not determined
Flammability:	Not flammable
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Vapour pressure:	~24 mmHg@ 25°C
Vapour density:	< 1 (same as water)
Water solubility:	Unlimited dispersibility
Partition coefficient: n-octanol/water:	Not determined
Autoignition temperature (°C):	Not Determined
Decomposition temperature (°C):	Not Determined
Viscosity (mm ² /s):	Not Determined
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
pH:	~ 7-8.5
Bulk density:	1.3-1.7 kg/L

9.2. OTHER INFORMATION

No other information available

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. CHEMICAL STABILITY

Material is stable under normal conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur.

10.4. CONDITIONS TO AVOID

None known.

10.5. INCOMPATIBLE MATERIALS

None known.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Above 800° C – limestone may decompose to calcium oxide (CaO) and carbon dioxide (CO₂). Above 175° C – polyvinyl acetate may decompose to H₂O, CO₂, CO, and acetic acid, could produce vinyl acetate monomers.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Skin contact

Repeated contact may lead to skin irritation.

Eye contact

May result in serious eye irritation.

Inhalation

Over exposure may result in respiratory irritation. Crystalline Silica: Exposures to respirable crystalline silica are not expected during the normal use of this product;

however, actual levels must be determined by workplace hygiene testing. The weight percent of respirable crystalline silica may not have been measured in this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration.

Ingestion

Low toxicity expected. May cause gastro intestinal discomfort.

Sensitisation

Not expected.

Carcinogenic effects

Not expected.

Mutagenic effects

Not expected.

Reproductive toxicity
Not expected.

STOT
Respiratory irritation.

Aspiration hazard
Not expected.

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. PERSISTENCE AND DEGRADABILITY

No data available.

12.3. BIOACCUMULATIVE POTENTIAL

No data available.

12.4. MOBILITY IN SOIL

No data available

12.5. RESULTS OF PBT AND vPvB ASSESSMENT

No data available

12.6. OTHER ADVERSE EFFECTS

None expected

SECTION 13: DISPOSAL INFORMATION

13.1. DISPOSAL METHODS

Do not discharge in sewers, tunnels or water courses. Dispose in accordance with local or national regulations. Recycle responsibly.

Waste from residues / unused products:

Dispose to landfill in accordance with local Government regulations. Contact local waste disposal authority.

Contaminated packaging:

Empty containers should be taken for recovery or waste disposal in accordance to local regulations.

Relevant regulation:

Dispose according to Environmental Quality (Scheduled Wastes) Regulations 2005 – Malaysia or other relevant regulation at the country of use.

SECTION 14: TRANSPORTATION INFORMATION

This product is not regulated under dangerous goods regulations:

IATA/ICAO

IMDG/IMO

ADR/RID

14.1. UN-NUMBER

Not applicable

14.2. UN PROPER SHIPPING NAME

Not applicable

14.3. TRANSPORT HAZARD CLASS

Not applicable

14.4. PACKING GROUP

Not applicable

14.5. ENVIRONMENTAL HAZARDS:

Not applicable

14.6. SPECIAL PRECAUTIONS FOR USER

Not applicable

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

USECHH (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000 - Malaysia. Occupational exposure of listed substance is listed on Section 8.

Singapore Workplace Safety and Health (General Provisions) Regulations 2006 stated PEL (permissible exposure level) which is listed on Section 8.

CLASS (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 – Malaysia. This product is classified as non hazardous under this regulation.

Further Information:

Relevant regulations at the country of use may also be applicable.

SECTION 16: OTHER INFORMATION

This safety data sheet has been prepared according to the following regulation:

CLASS (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 and the related CLASS Industry Code of Practice 2014.

General rule for classification and hazard communication of chemicals Safety Data Sheet for Chemical Products Content and Order of Sections Globally Harmonized System of Classification and Labelling of Chemicals (UN GHS 3rd Edition).

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