

MATERIAL SAFETY DATA SHEET: USG BORAL PREMIUM PREMIX

PRODUCT IDENTIFICATION



Product Name : **USG Boral Premium Premix**
 Other Name : Jointing Cement
 Recommend Use : Hand or machine-applied pre-mixed jointing cement used to flush joint and finish gypsum board.
 Uses Advised : Uses other than for the purpose
 Against : stated above
 Supplier Name : **USG Boral (Boral Gypsum Board Philippines, Inc.)**
 3F 108 Central Building A,
 108 E. Rodriguez Jr. Avenue,
 Bagumbayan, Quezon City,
 Metro Manila, Philippines 1110
 Tel: +632 911 6709
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Manufacturer

: **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

HAZARD IDENTIFICATION

• Classification of 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

• 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..

• Other Hazards Not Otherwise Classified : No information available

COMPOSITION AND INFORMATION ON INGREDIENTS

• Substance : Not Applicable
 • Mixture : Product is a Mixture

INGREDIENTS:

Chemical Entity	CAS No.	Proportion
• Calcite (Limestone)	[1317-65-3]	10-80%
• Mica	[12001-26-32]	<10%
• Clay	[1327-36-2]	<5%
• Polyvinyl Acetate	[9003-20-7]	1-5%
• Polyvinyl Alcohol	[9002-89-5]	<2%
• Cellulose Thickener	[9004-65-3]	<2%
• Fungicide/Preservative	[137-30-4]	<0.1%
• Water	[7732-18-5]	Approx. 20-40%

FIRST AID MEASURES**DESCRIPTION OF FIRST AID MEASURES**

- If Swallowed : Wash mouth out with water. Drink copious amounts of water if actual ingestion has occurred and seek medical advice.
- Eye Contact : Flush with plenty of clean water for 15 minutes. If irritation persists seek medical attention.
- Skin Contact : Wash regularly with soap and water. Apply skin moisturiser. Seek medical attention if symptoms occur.
- Inhalation : Move to a well-ventilated area with clean air. Seek medical attention if discomfort persists.
- Protection of First-Aiders : Wear personal protective equipment as stated in Section 8.
- Advice to Doctor : Treat symptomatically

MOST IMPORTANT ACUTE AND DELAYED SYMPTOMS AND EFFECTS

- Inhalation : May cause respiratory irritation and coughing.
- Skin Contact : Causes skin irritation, redness, pain and rash.
- Eye Contact : Causes serious eye irritation, lacrimation, pain and redness.
- Ingestion : May cause gastrointestinal irritation, nausea, vomiting, headache and diarrhea.

FIRE-FIGHTING MEASURES

- 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
- Special Hazards Arising From the Substance or Mixture : Non combustible
- Special Protective Equipment and Precautions for Fire-Fighters : Selection of respiratory protection for fire-fighting: 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 fire-fighting procedures and consider the hazards of other involved materials.

ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment and Emergency Procedures : Slippery when wet. For personal protection equipment, Refer to Section 8. Keep unnecessary and unprotected personnel from entering area. Put on appropriate personal protective equipment.
- Environmental Precautions : Avoid discharge to drains, sewers, and other water systems.
- 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.

HANDLING AND STORAGE

- Precautions for Safe Handling : Minimize dust generation when mixing or sanding. Wash hands after handling. Observe good industrial hygiene practices.
- Conditions for Safe Storage : Store in a cool place. Avoid freezing temperature and direct sunlight.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS

: Malaysia (USECHH Regulation)
 Calcium carbonate (1317-65-3) 10 mg/m³ TWA airborne concentration
 Mica (12001-26-32) 3 mg/m³ TWA airborne concentration

: Singapore Workplace Safety and Health (General Provisions) Regulations 2006:
 PEL: Mica 3 mg/m³ (Long term)
 Calcium carbonate 10 mg/m³ (Long term)

EXPOSURE CONTROLS

- Engineering Controls : Provide sufficient ventilation for operations. Observe occupational exposure limits and minimize the risk of exposure.
- Eye Protection : Safety goggles if risk of splashes or if dusty conditions.
- Skin Protection : Minimize skin contact. Wear suitable protective clothing. Practice reasonable personal hygiene.
- Hands Protection : For prolonged or repeated skin contact use suitable protective gloves made from PVC, nitrile or rubber 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 at all possible.

PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Semi liquid
- Color : Off white
- Odor : Mild acetate odour
- Odour Threshold : No information available
- Melting Point (°C) : Not applicable
- Boiling Point (°C) : Not applicable
- Flash Point (°C) : Not applicable
- Evaporation Rate : Not applicable
- Flammability : Not flammable
- Lower Explosion Limit : No information available
- Upper Explosion Limit : No information available
- Vapour Pressure : No information available
- Vapour Density : Not applicable
- Water Solubility : 0.1%
- Partition Coefficient: N-Octanol/Water : No information available
- Autoignition Temperature (°C) : No information available
- Decomposition Temperature (°C) : No information available
- Viscosity (mm²/s) : No information available
- Explosive Properties : No information available
- Oxidising Properties : No information available
- pH : No information available
- Relative Density : 1.6
- Drying Time: Approx. : 24 hours

STABILITY AND REACTIVITY

- Reactivity : The product is stable and non-reactive under normal conditions of use, storage and transport.
- Chemical Stability : Material is stable under normal conditions.
- Possibility of Hazardous Reactions : Hazardous polymerization will not occur.
- Conditions to Avoid : None known

- Incompatible Materials : None known
- Hazardous Decomposition Products : Decomposition release carbon dioxide (CO₂)

TOXICOLOGICAL INFORMATION

- Skin contact : Repeated contact may lead to dry skin and skin irritation.
- Eye contact : May result in eye irritation.
- Inhalation : Over exposure may result in respiratory irritation.
- Ingestion : Low toxicity expected. May cause gastro intestinal irritation and minor constipation.
- Sensitization
- Carcinogenic Effects : Not expected
- Mutagenic Effects : Not expected
- Reproductive Toxicity : Not expected
- STOT : Not expected
- Aspiration Hazard : Not expected

ECOLOGICAL INFORMATION

- Toxicity : No data available
- Persistence and Degradability : Avoid release into waterways, wastewater or groundwater
- Bioaccumulative Potential : No data available
- Mobility in Soil : No data available
- Results of PBT and vPvB Assessment : No data available
- Other Adverse Effects : No data available

ECOLOGICAL INFORMATION

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

TRANSPORT INFORMATION

- UN Number : Not applicable
- UN Proper Shipping Name : Not applicable
- Transport Hazard Class(es) : Not applicable
- Packaging Group : Not applicable
- Environmental Hazards : Not applicable
- Special Precautions for Users : Not applicable
- Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

REGULATORY INFORMATION

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

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).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

