SAFETY DATA SHEET

USG Boral Indonesia
PT. Petrojaya Boral Plasterboard
Graha Mobisel 4th Floor
Jl. Warung Buncit Raya No. 139, Jakarta 12740
t 62 21 2753 8100 f 62 21 2753 8197

Product Name **PREMIUM CORNICE**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name	**PT. Petrojaya Boral Plasterboard**
Address	Graha Mobisel 4th Floor
	Jl. Warung Buncit Raya No. 139, Jakarta 12740
Telephone	(62) 21 2753 8100
Fax	(62) 21 2753 8197
Email	klik.jayaboard@usgboral.com
Website	www.usgboral.com
Synonym(s)	USG Boral Premium Cornice, Boral Premium Cornice
Use(s)	ANGLE FILLER ● FASTENER HEADS FILLER ● JOINT FILLER ● JOINTING COMPOUND ● ORNAMENTAL PLASTER ADHESIVE
SDS date	15 December 2014

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK INDONESIA CRITERIA

Risk Phrases	None allocated
Safety Phrases	None allocated

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN Number	None allocated	**DG Class**	None allocated
Packing Group	None allocated	**Subsidiary risk(s)**	None allocated
Hazchem Code	None allocated		

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Content
QUARTZ (SILICA CRYSTALLINE)	CAS : 14808-60-7 EC : 238-878-4	<0.3%
CALCIUM SULPHATE HEMIHYDRATE	CAS : 10034-76-1 EC : 600-067-1	>55%
LIMESTONE	CAS : 471-34-1 EC : 207-439-9	30% to 45%
CELLULOSE THICKENER	CAS : 9004-58-4 EC : 618-385-4	<2%
DEXTRINS	CAS : 9004-53-9 EC : 232-675-4	<2%
SYNTETIC POLYMER	CAS : 25213-24-5 EC : 607-648-9-4	<0.2%
POLIMERYC BINDER	Not Available	<2%

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor
Ingestion	May result in obstruction if ingested. Seek medical attention.
Advice to doctor	Drinking glycerin, gelatin solutions, or large volumes of water may delay the hardening of this product in the stomach. Surgical relief of obstruction, particularly at the phlorus, may be required. The manufacturer recommends treating the patient symptomatically.

5. FIRE FIGHTING MEASURES

Flammability	Non flammable. May evolve toxic gases (sulphur oxides) when heated to decomposition.
Fire and explosion	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water fog to cool intact containers and nearby storage areas.
Extinguishing	Use an extinguishing agent suitable for the surrounding fire.
Hazchem code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear Personal Protective Equipment (PPE) as detailed in section 8.
Environmental precautions	Prevent product from entering drains and waterways.
Methods of cleaning up	Moisten with water to prevent a dust hazard and place in sealable containers for disposal.
References	See Sections 8 and 13 for exposure controls and disposal.

7. STORAGE AND HANDLING

Storage	Store in a cool, dry, well ventilated area, removed from aluminum, diazomethane, phosphorus and foodstuffs. Ensure containers are tightly sealed, adequately labeled and protected from physical damage.
Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Biological limits	No biological limit allocated
Engineering controls	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exist, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

PPE

Eye / Face	Wear dust-proof goggles.
Hands	Wear PVC or rubber gloves
Body	When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory	Wear a Class P1 (Particulate) respirator. Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	OFF WHITE POWDER
Odour	SLIGHT ODOUR
Flammability	NON FLAMMABLE

Flash point	NOT RELEVANT
Boiling point	NOT AVAILABLE
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT AVAILABLE
Vapor density	NOT AVAILABLE
Specific gravity	2.5 to 2.6
Solubility (water)	0.2%
Vapor pressure	NOT AVAILABLE
Upper explosion limit	NOT RELEVANT
Lower explosion limit	NOT RELEVANT
% Volatiles	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Incompatible with aluminum (when heated), diazomethane, phosphorus (at high temperatures) and oxidizing agents.
Hazardous Decomposition Products	May evolve toxic gases (sulphur oxides) when heated to decomposition
Hazardous Reactions	Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity – irritant. Use safe work practices to avoid eye or skin contact and inhalation. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). Chronic exposure to crystalline silica may result in lung fibrosis (silicosis). However, due to the low levels present, chronic health effects are not anticipated with normal use.
Eye	Irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Irritant. Over exposure may result in irritation of those nose and throat, with coughing.
Skin	Irritant. Contact may result in irritation, redness, pain and rash.
Ingestion	Low toxicity. Ingestion may result in gastrointestinal irritation. Nausea, vomiting, headache and diarrhea.
Toxicity data	QUARTZ (SILICA CRYSTALLINE) (14808-60-7)
	LCLo (inhalation) 300 ug/m³/10 years (human)
	TCLo (inhalation) 16 000 000 particles/ft3/8 hours/17.9 years (human-fibrosis)
	DEXTRINS (9004-53-9)
	LD50 (intravenous) 350 mg/kg (mouse)

12. ECOLOGICAL INFORMATION

Toxicity	No information provided
Persistence and degradability	No information provided
Bio accumulative potential	No information provided
Mobility in soil	No information provided
Other adverse effects	The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.

13. DISPOSAL CONSIDERATIONS

Waste disposal	Reuse where possible. No special precautions are required for this product.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
UN Number	None Allocated	None Allocated	None Allocated
Proper Shipping Name	None Allocated	None Allocated	None Allocated
DG class / Division	None Allocated	None Allocated	None Allocated
Subsidiary risk(s)	None Allocated	None Allocated	None Allocated
Packing Group	None Allocated	None Allocated	None Allocated

Hazchem code None Allocated

15. REGULATORY INFORMATION

Poison schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Inventory Listing(s) **Australia : AICS (Australian Inventory of Chemical Substances)**

All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information The manufacturer reports that Cornice Compound has a hardening time of 22-27 minutes.

EXPOSURE STANDARDS – TIME WEIGHTED AVERAGES : Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exist to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced : strenuous work conditions; hot, humid climates; high altitude conditions; extended shift (which increase the exposure period and shorten the period of recuperation).

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES :

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE :

It should be noted that the effects from exposure to this product will depend on several factors including : frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists.
CAS #	Chemical Abstract Service Number – used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	EC No – European Community Number
GHS	Globally Harmonized System
IARC	International Agency of Research on Cancer
LD50	Lethal Dose, 50% / Median Lethal Dose
Mg/m^3	Milligrams per Cubic Meter
PEL	Permissible Exposure Limit

pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline)
ppm	Parts Per Million
REACH	Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TLV	Threshold Limit Value
TWA/OEL	Time Weighted Average or Occupational Exposure Limit.

Revision history

Revision	Description
1.0	Initial SDS creation

Prepared by

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End of SDS