

# PANEL WORLD COMPANY LIMITED

83/1 M00 11, SETHAKIT 1 RD., KLONGMADUE, KRATHUMBAN, SAMUTSAKORN, THAILAND 76140

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## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

TRADE NAME: SMILE BOARD

PRODUCTION NAME : CEMENT BONDED PARTICLE BOARD

MANUFACTURER: PANEL WORLD CO., LTD.

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### SECTION 2- COMPOSITION/INFORMATION ON INGREDIENTS

MAIN COMPONENTS	Wt %	CAS Registry
Portland Cement	61	65997-15-1
Wood flake	28	None
Water	10	None
Aluminium Sulphate	0.5	16828-12-9
Sodium Silicate	0.5	1344-09-8

### Section 3: Physical and Chemical Properties

APPEARANCE: Grey Board

ODOUR: Newly manufactured boards and freshly may have a cement odour.

BOILING POINT: Not applicable

MELTING POINT: Not applicable

SPECIFIC GRAVITY: 1.25 to 1.35

VAPOUR PRESSURE:	Not applicable
VAPOUR DENSITY:	Not applicable
pH:	11 - 12
FLAMMABILITY:	Not applicable
FLASH POINT:	Not applicable
FLAMMABLE LIMITTS IN AIR:	Not applicable
IGNITION :	Not applicable under normal condition of use

## SECTION 4 - HAZARDS IDENTIFICATION

### GENERAL CHARACTERIZATION OF THE SUBSTANCE/ PREPARATION:

The product is not classified as hazardous materail.

### HUMAN HEALTH AND ENVIRONMENTAL EFFECT:

The production process of Cement-bonded Particleboard dose not produce any adversr health effect. During consequence of Cement-bonded Particleboard, dust is produced which may cause mechanical irritation to the eyes, respiratory system and skin.

## SECTION 5 - FIRST AID MEASURES

GENERAL INSTRUCTION:	Mentioned instructions are related to dust exposures during cutting, sanding or other working with the product. It may cause irritation to the eyes and skin.
INHALATION:	Remove to fresh air
EYE CONTACT:	Flush eyes throughly with water at least 15 minutes. If irritation occurs, seek medical attention.
SKIN CONTACT:	Wash th affected area with soap and water
INGESTION:	Not applicable under normal use.

## SECTION 6 - FIRE-FIGHTING MEASURES

FLASH POINT:	Not applicable
EXPLOSION HAZARDS:	This product does not present an explosion hazard. Manual or mechanical cutting or abrasion processes performed on the product can result in generation of dust which may present an explosion hazard.
FIRE EXTINGUISHING MEDIA:	The product is not flammable, use extinguishing media as foam and water to surrounding conditions.

## SECTION 7 - ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Make sure to use appropriated personal safty equipment. See more in section 9.

ENVIRONMENTAL PROTECTION: The work area must be well ventilated. Colldust with an appropriate vacuum cleaner to maintain the dust level below PEL/TVL in surrounding work place.

## SECTION 8 - HANDLING AND STORAGE

PRECAUTIONARY MEASURES FOR SAFE HANDLING: While treating Cement-bonded Particleboard, ie. Cutting, drilling, milling, and brushing, use personal protection equipment as provided in section 7.

HANDLING: Handle the board in the vertical position. Maintain good hygiene, wash hand and face after work.

CONDOTION FOR SAFE STORAGE:

- Store in sheltered dry location.
- Lay flate on the level support at 60 centimeter centered. Do not store in the upright position.
- if storage outside, a protective plastic sheet must be secured to protect from weather condition.

## SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Name	CAS	PELc(mg/m <sup>3</sup> )
Cement	65997-15-1	10

OCCUPATIONAL EXPOSURE: Provided sufficient ventilation system while treating Cement-bonded Particleboard for example drilling, milling and sanding. Only people using personal protection are allowed to work with the product. Wash hands and face throughly with soap and water after work.

PERSONAL PROTECTION:

Respiratory protection:	Not necessary if sufficient ventilation is provided.
Eye protection:	Wear safty glasses
Protection of hand:	Wear protection gloves
Skin protection:	Wear protrction clothing

## SECTION10: STABILITY AND REACTIVITY

CONDITION WHEN THE PRODUCT IS STABIL: The product is stable in nomal used condition.

CONDITION TO AVIOD: Humidity

## SECTION11: DISPOSALCONSIDERATOINS

Treat as construction idustry waste comply with all federal, state, and local regulations.

## SECTION12: TRANSPORT INFORMATION

The product is not subject to the regulations regarding to transport of dangerous goods because the product is not hazardous materail.

## SECTION 13: OTHER INFORMATION

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END OF SECTION