Eternit Asia Panels

Division of Promat (Malaysia) Sdn. Bhd. Unit 19-02-01, Wisma Tune, 19, Lorong Dungun, Damansara Heights, 50490 Kuala Lumpur, Malaysia



MATERIAL SAFETY DATA SHEET

Mineralis

1. Trade Name

Mineralis

2. Manufacturer

Eternit Guangzhou Building Systems Co. Ltd. (China)

3. Product appearance

Through-coloured material with fine sanding lines and speckled white highlights.

4. Product composition

Natural organic fibre cement, calcium silicates hydrates, selected quartz and pigments.

5. Product approved uses

General building material for external and internal applications.

6. Physical data

Normal density	1600kg/m ³
Nominal specific gravity (h ₂ O=1)	1.60
pH (10% solution)	12-13
Odour	Nil
Solubility in water	Nil

7. Fire & explosion data

I = 2.7 in accordance to BS 476: Part 6;

Class 1 in accordance to BS 476: Part 7

8. Health hazards

Occupational	• 10mg/m ³
exposure limits	(total inhalable dust)
	• 0.1mg/m^3
	(respirable quartz particles)
Primary route(s) of	Inhalation of dust
entry	
Medical conditions	Respiratory conditions
(which may be	
aggravated)	
Target organ(s)	Lungs

Health effects

Inhalation	Acute over exposure to dust may cause
	irritation of the respiratory tract.
Skin	Prolonged contact could lead to irritation
DKIII	1 totoliged contact could lead to inflation
contact	for sensitive persons.
Ingestion	Mild discomfort.

Eyes Mild transient irritation or inflammation.

10. First aid /emergency procedures

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Inhalation	Get some fresh air.
Skin	Wash thorough with water.
contact	
Ingestion	Get plenty of drink.
Eyes	Flush copiously with fresh water.

Seek medical advice if irritation or discomfort persists.

11. Storage precautions

Storage at	Pallets should be stored on flat surface
site/	in a dry, covered, and well-ventilated
warehouse	area, protected against dust and rain.
During	Should be covered with a canvas.
transport	

12. Precautions for safe handling and use

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Handling	Use sufficient natural or mechanical ventilation to reduce dust level below
	the Threshold Limit Value (TLV).
Goggles	Use protective eyewear whenever
	machining the product (drilling, sawing,
	sending, etc.).
Clothing	Use working clothes and gloves to
	protect against mechanical injury.
Respirator	Approved respiratory protective
	equipment should be made available
	while working in concentrations above
	or around TLV.
Overalls	Normal protective working overalls are
	adequate.

13. Spill or leak procedures

Spilled	Collect dust with vacuum cleaner during
materials	fabrication. If sweeping is necessary,
	use a dust suppressor or wet-sweep
	work areas.
Waste	Dispose as a building product waste,
disposal	according to the local regulations. The
	collected dust is to bind with cement
	before disposing in a landfill.

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The health and safety information contained herein is believed to be accurate and correct based on our current knowledge at the date of issue and no liability can be accepted for any loss, injury or damage resulting form its use. It is intended as a guide for the safe handling, storage, and use under normal conditions, but does not necessarily refer to the particular requirements of a customer when further advice should be obtained.

This data sheet and information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulation.

Safety Working Practices

As with all products containing quartz, e.g. concrete and clay, when Mineralis panels are machined mechanically (cutting, sanding, drilling) the released dust may contain quartz particles. Inhalation of high concentrations of dust may irritate the airways, and dust may also cause irritation of eyes and/or skin. Inhalation of dust containing quartz, especially fine (respirable size) particulate matter, in high concentrations over prolonged periods of time, can lead to lung disease (silicosis) and an increased risk of lung cancer.

Work safely by following the recommended practices:

- 1. Avoid dust inhalation with the use of cutting/sanding equipment fitted with dust extraction/suppression accessories and wherever practical.
- 2. Ensure adequate ventilation of all work sites.
- 3. Avoid contact with eyes and skin by wearing an approved respirator (dust mask of at least Type P2) together with appropriate PPE (personal protective equipment) such as helmet, goggles, boots and protecting clothing.