



**Material Safety Data Sheet (MSDS): Fiber Cement Board**

Code :OS-GG-GL-272

R00-18/05/09

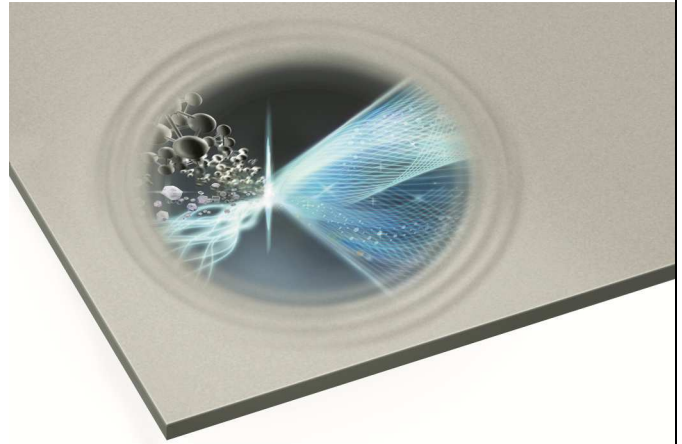
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**Material Safety Data Sheet Conclusion**

**Trade name :** Fiber Cement Board and Sub wood

**Chemical Formula :** approximate formula

- Calcium silicate ..... 90%
- Compound
- Cement .....40%
- Silica sand, silica stone powder, etc..... 50%
- Cellulose fiber..... 10%



**Special Protection Information**

**Special Instruction**

**Respiratory Protection Type:** Mask for dust protection while drilling or Cutting

**Hand Protection :** Fabric gloves

**Eyes Protection :** Safety glasses while drilling or Cutting

**Handling and Storing:** Handling with care beware broken material from dust

**Spill and Leak Procedures :** In case of broken use spray water for reduce dust before sweeping or dust collector

**Disposal Methods:** Disposal by community landfills


**First Aids**

**Extinguishing Media :** Use proper extinguishing media for surrounding environment

**Skin :** Use water and soap clean exposure area if still irritation consult physician

**Eyes :** Use clean water flow for 15 minutes if still irritation consult physician

**Breathing :** Bring exposure person to good ventilation area

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### Material Safety Data Sheet(MSDS) for Fiber Cement Board

1. Product Data	
1.1 Trade Name	Fiber Cement Board
- Chemical Name	Fiber-cement, Fiber-reinforced cement
- Chemical Formular	Not Applicable

2. Chemical Classification	
2.1 U.N. Number	Not Applicable
2.2 Cas. Number	Not Applicable
2.3 Carcinogenicity	Not Carcinogen free from Asbestos

3. Hazardous Ingredients			
Substances	Percent (%)	Safety standard	
		TLV	LD <sub>50</sub>
Crystalline Silica(Quartz) (CAS Number:14808-60-7)	15-50%	-	-

4. Physical and Chemical Data	
4.1 Boiling Point (°C)	Not Applicable
4.2 Melting Point (°C)	Not Applicable
4.3 Vapour Pressure (KPa)	Not Applicable
4.4 Solubility in water	Not Applicable
4.5 Specific gravity (H <sub>2</sub> O=1)	Not Applicable
4.6 Evaporation rate	Not Applicable
4.7 Appearance color and odor	Solid substance
4.8 pH-Value	Not Applicable

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**5. Fire and Explosion Hazard Data**

<b>5.1 Flash point (°C)</b>	Not Applicable	
<b>5.2 Exposure Limit</b>	<b>Lower LEL (%)</b>	Not Applicable
	<b>Upper UEL (%)</b>	Not Applicable
<b>5.3 Auto ignition temperature (°C)</b>	Not Applicable	
<b>5.4 Chemical Reactivity</b>	Stable for chemical reactivity	
<b>5.5 Materials to avoid</b>	Not Applicable	
<b>5.6 Hazardous Decomposition Products</b> (at decomposition temperature : > 1000°F)	No	

**6. Health Hazard Data**

<b>6.1 Ways of exposure</b>	Nose, Skin, Eyes
<b>6.2 Local Effects skin, eyes, Mucous Membrane</b>	May cause irritation in case of drilling or cutting
<b>6.3 Effects of Over exposure short-term</b>	Not Applicable
<b>6.4 Effects of over exposure Long-Term</b>	Not Applicable
<b>6.5 Safety Standard: TLV (TLV-TWA)</b>	Crystalline Silica (Quartz) lower than 0.025 mg/m <sup>3</sup> , For Respirable dust lower than 10 mg/m <sup>3</sup> with cyclone

**7.1 Special Protection Information**

<b>7.1.1 Fire and Explosion Prevention</b>	Not fire and explosion
<b>7.1.2 Ventilation</b>	Not Applicable
<b>7.1.3 Respiratory Protection Type</b>	Mask for dust protection while drilling or Cutting
<b>7.1.4 Hand Protection</b>	Fabric gloves
<b>7.1.5 Eyes Protection</b>	Safety glasses while drilling or Cutting
<b>7.1.6 Other Protection</b>	Not Applicable

**7.2 First Aids**

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<b>7.2.1 Incase of skin exposure</b>	Use water and soap clean exposure area if still irritation consult physician
<b>7.2.2 Incase of eyes exposure</b>	Use clean water flow for 15 minutes if still irritation consult physician
<b>7.2.3 Incase of breathing</b>	Bring exposure person to good ventilation area
<b>7.2.4 Other information</b>	Not Applicable

**8. Special Instruction**

<b>8.1 Handling and Storing</b>	Handling with care beware broken material from dust
<b>8.2 Corrosiveness</b>	Not Applicable
<b>8.3 Spill and Leak Procedures</b>	In case of broken use spray water for reduce dust before sweeping or dust collector
<b>8.4 Disposal Methods</b>	Disposal by community landfills
<b>8.5 Extinguishing Media</b>	Use proper extinguishing media for surrounding environment