

# Material Safety Data Sheet

## Phenolic foam insulation board

Jiangsu ZDW Energy Saving Technology Co., Ltd  
South side of Xujia Express Way,  
Jiawang District, Xuzhou City, Jiangsu Province China TEL:+8619961972933  
Emergency Phone Number/Fax:0516-87811678

### ***Composition Information on Ingredients***

#### **Component**

Phenolic foam insulation board

*Percentage:*100%

### ***Hazard identification***

#### **Health Hazards and Reactions:**

There is currently no response data affecting human and animal health.

#### **Environmental Impact:**

Encountering a large amount of heat can cause combustion to produce carbon dioxide and carbon monoxide gases.

#### **Physical and Chemical Hazards:**

Physical properties: difficult to decompose, requiring centralized processing:

Chemical properties: Avoid inhaling the gases from its combustion.

#### **Specific Hazards:**

- *Eye contact:* Dust caused by processing entering the eyes can cause slight irritation and may cause redness and tearing of the eyes.
- *Skin contact:* Dust caused by processing, and some people may experience itching and itching when exposed to the skin.
- *Inhaling* a large amount of dust from this substance can be irritating to the upper respiratory tract.
- *Swallowing:* Consuming a small amount by mistake will not cause obvious symptoms or cause harm to the human body. If consumed in large quantities, it can clog the intestines and cause constipation.
- *Cardinal Symptoms:* Excessive inhalation of dust caused by processing can irritate the respiratory tract and eyes.

***Hazard Classification:*** It is divided into chronic hazards, acute health effects, and special health effects.

#### **First Aid Measures**

#### *First Aid Measures for Different Kinds of Exposures:*

- *Inhalation:* Immediately transfer the patient to a fresh air environment. If breathing is difficult for more than 15 minutes, emergency medical treatment is required.
- *Skin Contact:* Under normal circumstances, there is no significant skin harm. If there is itching, rinse with water.
- *Eye Contact:* Rinse eyes with plenty of water: If there is persistent pain, blinking, tears, or redness, seek medical treatment immediately.
- *Ingestion:* Immediately vomit out. If you feel nauseous, please consult a doctor.

#### Most Important Symptoms and Hazard Reactions:

- Eye contact with dust may cause pain, blinking, tears, or redness and swelling.
- Inhaling large amounts of dust may cause breathing difficulties. The harmful effects should be acute hazards.
- Suggestions to Doctors: None

#### **Fire Fighting Measures**

Suitable Extinguishing Media: CO, chemical dry powder, foam, water

- *Special Hazards in Fire:* When a fire occurs, a small amount of smoke is emitted, mainly carbon dioxide, which contains a small amount of carbon monoxide gas.
- *Special Fire-Fighting Procedures:* Do not get close to the fire without proper protection and keep a safe distance: cool the interior to prevent re-burning, and spray can cool the surface.
- *Required Special Protective Equipment for Fire-Fighters:* Firefighters must wear air respirators, fire jackets, protective gloves, or activated carbon masks.

#### **Accidental Release Measures**

*Personal Precautions:* Avoid causing skin scratches.

*Environmental Precautions:* Scrap materials and waste can be recycled and reused. If they need to be destroyed, qualified units are required,

Methods for Cleaning: Avoid dust, sweep carefully, place in a bag and transfer to a safe place.

#### **Handling and Storage**

- *Handling:* Using local exhaust and general ventilation.
- *Storage:* Keep the working area clean.
- Smoking and fire are strictly prohibited in the work area and storage area.
- Store in a cool, dry, and well-ventilated place, away from heat sources, open flames, etc.
- Avoid getting wet.

#### **Physical and Chemical Properties**

State: Solid foam Appearance: board. Color: Yellow/reddish brown. Odor: None

- *Stability and Reactivity*: Stability: relatively stable.
- *Possible Hazard Reaction Under Special Conditions*: Not expected.
- *Materials to Avoid*: None.
- *Conditions to Avoid*: High temperature and high heat environment.
- *Hazardous Decomposition Products*: During combustion, a small amount of smoke is emitted, mainly carbon dioxide gas, which contains a small amount of carbon monoxide gas.

### **Toxicological Information**

- *Acute Toxicity*: None.
- *Local Reactions*: None.
- *Sensitivity*: None.
- *Chronic or Long-Term Toxicity*: None.
- *Special Reactions*: None.

### **Ecological information**

*Possible Environmental Impact/Environmental Run-offs*: To protect the biological environment, please do not dispose of waste materials casually. The powder can be recycled.

### **Disposal considerations**

*Disposal Methods*: Incineration treatment or safety treatment in accordance with relevant health and pollution prevention laws:

### **Transport Information**

*International Transportation Regulations*: Packaging to isolate water leakage, handle with care to prevent damage.

- *UN Reference No*: None.
- *Domestic Transportation Regulations*: None.
- *Special Transportation Methods and Precautions*: None

### **Regulatory information**

Compliant with national/state/local government solid waste disposal regulations:

### **Other Information**

*Density*: N/PA50KG/m'      *Dissolution*: insoluble

### **Stability and Reactivity**

*Stability*: relatively stable

