



Material Safety Data Sheet

Section 1- Product and Company Identification

Product Name: AUTOCLAVED LIGHTWEIGHT AERATED CONCRETE PANEL

Company Identification: NANJING ASAHI-JIANTONG NEW BUILDING MATERIALS CO.LTD

Address: 68 NANXIJIANG DONGJIE, JIANYE DISTRICT, NANJING 210019, CHINA

TEL: 86-25-83422221

FAX: 86-25-83435572

Code: 210019

Section 2-Composition, Information on Ingredients

Chemical Name	Percentage
$5\text{CaO} \cdot 6\text{SiO}_2 \cdot 5\text{H}_2\text{O}$	Appx. 70%
SO_2	Appx. 25%
CaSO_4	Appx. 5%

Free from polluted ingredients such as asbestos and fly ash etc.

Section 3-Hazards Identification

Risk Phase: Irritating to respiratory system

Harmful: danger of serious damage to health by prolonged exposure through inhalation

Safety Phrase: Do not breathe dust

Emergency Overview: Not explosive, not a fire hazard

Primary Routes of Entry and Potential Health Effects:

Inhalation

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Acute effects- Dust may cause irritation of the nose, throat, and airways, resulting in coughing and sneezing. Certain susceptible individuals may experience wheezing (spasms of the bronchial airways) on inhaling dust during sanding or sawing operations.

Ingestion:

Unlikely under normal conditions of use, but swallowing the dust from this product may result in-irritation or damage to the mouth and gastrointestinal tract due to alkalinity of dust.

Eye:

Dust may irritate the eyes from mechanical abrasion causing watering and redness.

Section 4-First Aid Measures

Signs and symptoms of over exposure: Breathlessness, wheezing, cough, sputum production

First Aid:

Eye Contact: Immediately flush eyes with plenty of water at least 15 minutes. Seek medical attention if irritation persists.

Inhaled: Remove to fresh air. If shortness of breath or wheezing develops, seek medical attention.

Ingested: If swallowed, drink large amounts of water. Don not induce vomiting. Call a physician.

Note to Physician: Treat symptomatically. Treatment may vary with condition of victim and specifics of incident.

Section 5-Fire Fighting Measures

Fire and Explosion Hazard: 1. Flash point:: Not applicable. Non-combustible material.
2. Auto-ignition: Not applicable. Non-combustible material.
3. Non-flammable and non-explosive

Extinguishing Media: This material is not combustible. Appropriate extinguishing media(carbon dioxide, foam, water or dry chemical) for surrounding fire should be used.

Section 6-Accidental Release Measures

Sweep up and discard.

Person related safety precautions: Not required.

Measure for environmental protection: No special measures required.

Measure for cleaning / collecting: No special measures required.

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Additional information: No dangerous materials are released.

Section 7-Handling and Storage

Handling procedures: Caution with edge of sheet. After using this sheet, wash hands.

Storage procedures: Keep away from reactive products. Do not store near food, beverages or smoking materials. Avoid spilling and creating dust. Maintain appropriate dust controls during handling.

Section 8-Exposure Controls, Personal Protection

Monitoring Methods: NO information found.

Engineering controls: Good general ventilation should be sufficient for most conditions. When processing at elevated temperature, provide Local exhaust.

Exposure Limits: Not available.

Respiratory protection: For most conditions, no respiratory protection should be needed. When processing at elevated temperature, use an approved respiratory protection.

Eye protection: Wear safety glasses with side shields.

Skin protection: Wear clean body—covering clothing and rubber gloves.

Other Protection: No smoking scene work. To maintain good health habits

Section 9-Physical and Chemical Properties

Appearance: flat.

Color: white

Odor: Odorless.

PH: 9~10

Melting point: Not available.

Boiling point: Not available.

Consistency(water=1): Not available

Vapor Density(Air=1): Not available

Vapor pressure: Not available

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Octanol / water distribution coefficient: Not available

Flash point(°C): Not available

Ignition Temperature(°C): Not available

Explosion Limits Lower: Not available

Explosion Limits, Upper: Not available

Critical Temperature(°C): Not available

Critical pressure(Mpa): Not available

Solubility: insoluble

Section 10-Stability and Reactivity

Chemical Stability: Stable and non-reactivity

Conditions to Avoid: Excessive dust generation during storage and handling.

Incompatibility with various substances: specific materials / condition to avoid.

Hazardous Decomposition Products: Not occur.

Hazardous Polymerization: Not occur

Section 11-Toxicological Information

Sensitization rate: Not available

Teratogenicity: No information found.

Section 12-Ecological Information

Ecological toxicity: Not data available for this product.

Ecological degradation: Not data available for this product.

Abiology degradation: Not data available for this product.

Other harmful information: Not available

Section 13-Disposal Considerations

Disposal: Recycle, if possible. Consult your local or regional authorities for disposal options.

Dispose of materials in compliance with governmental regulations.

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Section 14-Transport Information

Not a hazardous material for DOT shipping.

UN: None

Packaging sign: None

Packaging Category: No information found.

Shipping notice: This product not regulated for transport

Section 15-Regulatory Information

Regulatory Information: Reference to the local, National and EU/ International regulations

Section 16-Additional Information

Issue time: 2011-5-30

Issue department: Export department

Data review unit:

Modification record:

Notice to reader

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