



Report No.: NTS1411731M

Date: November 21, 2014

MSDS REPORT

Applicant	:	Guangzhou Acouloc Building Materials Technology Development Co., Ltd
		No. 8 Building, No.200 Ganyuan Road, Wuxianqiao, Tianhe District, Guangzhou City, Guangdong, P.R.China
Manufacturer	:	Guangzhou Acouloc Building Materials Technology Development Co., Ltd
		No. 8 Building, No.200 Ganyuan Road, Wuxianqiao, Tianhe District, Guangzhou City, Guangdong, P.R.China
Product Description	:	Acoustic Nonwovens
Product Code	:	N/A
Trade Mark	:	Acouloc ®



This report is limited to the above applicant company and the product model only.

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MATERIAL SAFETY DATA SHEET

(according to ISO 11014: 2009)

SECTION 1: Identification of Product and Supplier

Product Name: Acoustic Nonwovens

Sample Model No.: N/A

Manufacturer: GUANGZHOU ACOULOC BUILDING MATERIALS TECHNOLOGY DEVELOPMENT CO., LTD

Address: No. 8 Building, No.200 Ganyuan Road, Wuxianqiao, Tianhe District, Guangzhou City, Guangdong, P.R.China

Tel: +86-20-3877 9066

Fax: +86-20-8773 6892

eMail: acouloc@163.com

Emergency telephone number: [Weekday] +86-20-3877 9066

[Night and holiday] +86-135 7000 2229

SECTION 2: Composition / Information on Ingredients

2.1 Substance or preparation : Preparation

2.2 Information about the chemical nature of product :

Common chemical name / General name	CAS number	Concentration / Concentration range	Classification and hazard labeling
Wood pulp	--	40%	Health: 1 Flammability: 1 Reactivity: 0
Ultra-fine fibre glass	65997-17-3	30%	Health: 1 Flammability: 0 Reactivity: 0
Modified starch	9005-84-9	5%	Health: 1 Flammability: 1





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Common chemical name / General name	CAS number	Concentration / Concentration range	Classification and hazard labeling
			Reactivity: 0
Fire retardant (Boric Acid)	10043-35-3	10%	Health: 2 Flammability: 0 Reactivity: 0
Waterproof agent	--	6%	Health: 1 Flammability: 0 Reactivity: 0
Others	--	9%	Health: 1 Flammability: 0 Reactivity: 0

SECTION 3: Hazards Identification

If swallowed: Minimal toxicity.

Other information: Product not classified as hazardous by UNO.

Risk phrases: Stable product. It doesn't offer hazard in its normal handling and storage state.

Inhalation: May cause nose, throat or lung irritation. Various species of untreated wood dust can elicit allergic respiratory response in sensitized persons.

Skin contact: May be harmful if absorbed through skin. May cause skin irritation. Prolonged and/or repeated contact with paper dust may result in mild irritation. Various species of paper dust can elicit allergic type skin irritation in sensitized persons.

Eye contact: Particulates may scratch eye surfaces / cause mechanical irritation.

Ingestion: Ingestion may cause short term mechanical irritation of the stomach and intestines

Chronic Effects: May cause dermatitis on prolonged, repetitive contact; may cause respiratory sensitization and/or irritation.

SECTION 4: FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

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In case of skin contact:

Wash off with soap and plenty of water.

In case of eye contact :

Flush eyes with water as a precaution.

In swallowed :

Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION 5: FIRE FIGHTING MEASURES

Flammable class: Flammability Risk 1 (Slight)

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, and Organic acids.

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid creating dusty conditions and prevent wind dispersal.

Use suitable protective equipment.

Keep away from sources of ignition.

Environmental precautions: This material will sink and disperse along the bottom of waterways and ponds. It can not easily be removed after it is waterborne; however, the material is non-hazardous in water.

Methods and materials for containment and cleaning up :

Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

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Precautions for safe handling :

Provide appropriate exhaust ventilation at places where dust is formed.
Normal measures for preventive fire protection.

Conditions for safe storage :

In a dry and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ultra-fine fibre glass	5 mg/m ³	10 mg/m ³

Ventilation: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below regulatory limits.

Personal protective equipment :

Respiratory protection:

Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.





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Hygiene measures :

- Handle using good industrial hygiene and safety practices.
- Avoid unnecessary contact with dusts and fibers by using good local exhaust ventilation.
- Remove material from the skin and eyes after contact.
- Remove material from clothing using vacuum equipment (never use compressed air and always wash work clothes separately from other clothing).
- Wipe out the washer or sink to prevent loose glass fibers from getting on other clothing).
- Keep the work area clean of dusts and fibers made during fabrication by using vacuum equipment to clean up dusts and fibers (avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air.)
- Have access to safety showers and eye wash stations.

SECTION 9: Physical and Chemical Properties

a). Appearance:	Solid, paper
b). Color:	Black
c). Odour:	odorless
d). Odour Threshold:	no data available
e). pH:	no data available
f). Melting point:	no data available
g). Boiling point/ range:	no data available
h). Flash point:	no data available
i). Flammability:	Flammability Risk 1 (Slight)
j). Auto-ignition temperature:	no data available
k). Explosive properties:	None
l). Oxidizing properties:	None
m). Vapour pressure (at 20°C):	no data available
n). Density (at 20°C):	1.3 to 2.6 g/cm ³ at 25 °C
o). Water solubility:	Insoluble in water
p). Evaporation rate:	no data available





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SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: no data available

Material to avoid: Strong acids, open flame and oxidizers.

Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions.

- Carbon oxides, formaldehyde-like

Hazardous decomposition products formed under fire conditions.

- Nature of decomposition products not known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

- LD₅₀, Intrapertoneal - rat (mg.kg⁻¹): Not Available

- LD₅₀, Intravenous - rat (mg.kg⁻¹): Not Available

Skin corrosion/irritation : no data available

Serious eye damage/eye irritation : no data available

Respiratory or skin sensitization : no data available

Germ cell mutagenicity : no data available

Carcinogenicity :

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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Reproductive toxicity: no data available

Specific target organ toxicity - single exposure (GHS) : no data available

Specific target organ toxicity - repeated exposure (GHS) : no data available

Aspiration hazard : no data available

Other information: -

SECTION 12: Ecological Information

Ecotoxicity: No specific ecological data are available for this product.

Bioaccumulative potential: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment: no data available

Other adverse effects : no data available

SECTION 13: Waste handling

Disposal of product:

Waste must be disposed of in accordance with national and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport Information

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

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SECTION 16: Other Information

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use.

This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

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