



BEIJING NEW BUILDING MATERIALS CO., LTD.

BNBM MATERIAL SAFETY DATA SHEET**MATERIAL DETAILS**

Name: DRAGON MINERAL FIBRE ACOUSTIC CEILING TILES
Part/Stock Nos: None Assigned

Trade Names
MINERAL FIBRE ACOUSTIC CEILING TILES

Company code
BNBM

USAGE

Used as noise-absorbing ceiling panels, for suspended or direct mounted ceilings, in domestic, commercial, public and industrial buildings.

INGREDIENTS

Name or Description	Proportion
Granular Cotton (Slagwool)	>80%
Amylum	<6%
Clay Fillers	<6%
Polypropylene Acetate Emulsion	<1%
Water	<3%
Moisture Proofing agent	<1%

Note: We supply full ingredient information

PHYSICAL & EXPOSURE DATA**PHYSICAL DATA**

Molecular Weight	: Not available
Boiling Range at 101.3kPa(C)	Not applicable
Melting Range (C)	Not available
Specific Gravity (water = 1)	0.25(Bulk density)
Vapour Pressure(kPa)	Not applicable
Relative Vapour Density (air=1)	Not applicable
Volatile Component (% Vol.)	Not applicable
PH (1% aqueous soln.)	Not applicable

OTHER PROERTIES

Non crystalline compressed mineral granular cotton fibres bound with non- hazardous binders and fillers and pressed into fibrous panels and painted.
Produced by a wet felting process.

For and on behalf of
北新建材(集团)有限公司
BEIJING NEW BUILDING MATERIALS CO., LTD.


Authorized Signature(s)



BEIJING NEW BUILDING MATERIALS CO., LTD.

Moisture content <0.3% Fibre dimensions > 3 Micron to 10 microns and length 50 microns.
Material does not contain asbestos, free silica or formaldehyde.

HEALTH HAZARD DATA

SYMPTOMS OF EXPOSURE - ACUTE & CHRONIC EFFECTS

SWALLOWED

Not normally a hazard due to the physical form of product.
The material is a physical irritant to the gastro-intestinal tract.
Considered an unlikely route of entry in commercial/ industrial environments.

EYE

The dust is irritating and may be abrasive to the eyes causing inflammation.
Hazard relates to dust released during trimming operations.

SKIN

The material is mildly abrasive and irritating to the skin and may cause temporary rash.
Irritation is accentuated by fibre adhering to sweaty skin at higher temperatures.
Hazard relates to dust released during trimming operations.

INHALED

The dust is irritating to the upper respiratory tract.
Nose and throat irritation may be transitory.
Cutting and drilling may result in fibre dislodgement and dust production.

For and on behalf of
北京新建材(集团)有限公司
BEIJING NEW BUILDING MATERIALS CO., LTD.

[Handwritten Signature]

Authorized Signature(s)



BEIJING NEW BUILDING MATERIALS CO., LTD.

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWED

Rinse mouth out with plenty of water.

If irritation or discomfort persists, seek medical attention.

EYE

If this product comes in contact with eyes:

Immediately hold the eyes open and wash with fresh running water

Ensure irrigation under the eyelids by occasionally lifting upper and lower lids.

If pain persists or recurs, seek medical attention.

Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

Gently brush or vacuum off adherent fibres.

Wash affected areas thoroughly with water (and soap if available).

If pain persists or recurs, seek medical attention.

INHALED

If dust is inhaled, remove to fresh air

Encourage patient to blow nose to ensure clear breathing passages. Rinse mouth with water.

Consider drinking water to remove dust from throat.

If irritation or discomfort persists, seek medical attention.

NOTES TO PHYSICIAN

Treat symptomatically.

PERSONAL PROTECTION AND HANDLING

PROTECTIVE MEASURES

EYES

No special equipment needed when handling small quantities.

Safety glasses with side shields

Chemical goggles.

Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

HANDS/ FEET

No special equipment needed when handling small quantities.

Cotton Gloves

Plastic Gloves.

For and on behalf of
 北新建材(集团)有限公司
 BEIJING NEW BUILDING MATERIALS CO.,LTD.

Authorized Signature(s)

3



BEIJING NEW BUILDING MATERIALS CO., LTD.

RESPIRATORY

Provide good general ventilation (either forced or natural)

If measured respirable fibre exceeds recommended action level, wear SAA approved dust respirator Class L or Class M

Correct respirator fit is essential to obtain adequate protection.

Even though the recommended limit for respirable fibre is not exceeded in normal conditions, respiratory protection should be worn in confined spaces.

Use an approved respirator if power tools without dust extraction or containment are used for cutting or drilling.

OTHER

Loose fitting protective clothing, e.g. overalls/ long sleeve shirts.

When working above head height, use head covering, dust mask and goggles.

Minimise dust generation by using sharp hand cutting tools, Where possible.

Powered tools (e.g. saws etc) should only be used if fitted with dust extraction or other effective local exhaust ventilation supplied.

Vacuum or wet clean up equipment should be available for fibre/dust removal.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult your Occupational Health and Safety Advisor.

HANDLING PROCEDURES

Avoid generating and breathing dust.

Avoid contact with skin and eyes.

Wear personal protective equipment when handling.

Use in a well-ventilated area.

When handling, DO NOT eat, drink or smoke.

Avoid physical damage to containers.

Always wash hands with soap and water after handling. Work clothes should be laundered separately.

Use good occupational work practice. Observe manufacturer's storage and handling recommendations.

Follow Code of Practice work procedures as for bonded granular cotton materials.

Air monitoring is not required when it has been CLEARLY established that the work procedures outlined in the schedules are being carried out.

FIRE & EXPLOSION DATA

Flash Point (closed cup) (C) Not applicable

Autoignition Temperature (C) Not applicable

Decomposition Temperature (C) Not applicable

Lower Explosive Limit in Air (% by volume) Not applicable

Upper Explosive Limit in Air (% by volume) Not applicable

For and on behalf of

北新建材(集团)有限公司
BEIJING NEW BUILDING MATERIALS CO., LTD.


Authorized Signature(s)



BEIJING NEW BUILDING MATERIALS CO., LTD.

EXTINGUISHING MEDIA

There is no restriction on the type of extinguisher which may be used.

FIRE FIGHTING PROCEDURES

Alert fire brigade and tell them location and nature of hazard.
Use fire fighting procedures suitable for surrounding area.
Equipment should be thoroughly decontaminated after use.

FIRE AND EXPLOSION HAZARD including DECOMPOSITION PRODUCTS

Non combustible.
Not considered to be a significant fire risk.
However, it will breakdown under fire conditions and the binder may burn and produce toxic fumes of carbon monoxide (CO) and carbon dioxide (CO2).
Container/Packaging may burn.

INCOMPATIBILITY

None Known.

STORAGE & TRANSPORT

STORAGE

SUITABLE CONTAINERS

Store flat in load designed racking.
Check that containers are clearly labelled.
Packaging as recommended by manufacturer.

REQUIREMENTS

Keep dry. Store under cover.
Protect against physical damage.
Observe manufacturer's storing and handling recommendations.

TRANSPORT PROCEDURES

No restriction

SPILLS AND DISPOSAL

SPILLS

Clean all spills immediately.
Wear protective clothing, safety glasses, dust mask and gloves.
Secure load if safe to do so. Bundle/collect recoverable product.
Use dry clean up procedures and avoid generating dust.
Vacuum up. Water may be used to prevent dusting.
Collect remaining material in containers with covers for disposal.

For and on behalf of
北新建材(集团)有限公司
BEIJING NEW BUILDING MATERIALS CO., LTD.

Authorized Signature(s)



BEIJING NEW BUILDING MATERIALS CO., LTD.

Flush spill area with water.

Note: Vacuum cleaner must be fitted with exhaust micro filter (HEPA type)

DISPOSAL

Consult State Land Waste Management Authority for disposal.

Label all shipping containers as per Code of Practice.

Dispose of according to relevant State regulations.

Bury sealed containers of residue in an authorized landfill.

Do not attempt to open containers nor reuse containers.

SHIPPING NAMES

None

Prepared by : Beijing New Building Materials Co., Ltd.

Issue date: 7/7/05

Print date: 3/10/05

For and on behalf of
北新建材(集团)有限公司
BEIJING NEW BUILDING MATERIALS CO., LTD.

Authorized Signature(s)