

## Safety Data Sheet

Product Identifier: Bio-Acoustic Infill Panel

SDS ID: ARM-005

**\*\*\*Section 1 - IDENTIFICATION\*\*\***

**Material Name:** Bio-Acoustic Infill Panel

**Chemical Family**

Jute fiber panel

**Recommended Use**

acoustical ceiling tiles

**Restrictions on Use**

None known.

**Manufacturer Information**

Armstrong World Industries  
2500 Columbia Ave.  
Lancaster, PA 17603

Phone #: 877 276 7876  
Email: techline@armstrongceilings.com  
Emergency #: 1-800-255-3924 (ChemTel)  
www.armstrongceilings.com

**\*\*\*Section 2 - HAZARD(S) IDENTIFICATION\*\*\***

**Classification in accordance with 29 CFR 1910.1200.**

This product is not classified as hazardous and is considered an article under the Federal Hazard Communication Standard. It is formed to a specific shape or design during manufacture, has end use functions dependent upon their shape and design, and do not release any hazardous substances under normal conditions of use.

**GHS LABEL ELEMENTS**

**Symbol(s)**

NA

**Signal Word**

NA

**Hazard Statement(s)**

NA

**Precautionary Statement(s)**

**Prevention**

Do not handle until all safety precautions have been read and understood. It is recommended that the product be cut and trimmed with a knife, razor or hand saw. Do not cut with power equipment unless either a dust collector is used on the equipment or local exhaust is used. Wear long-sleeve, loose fitting clothes, gloves and eye protection.

**Response**

IF INHALED: Not a likely route of exposure. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage**

Store in a well-ventilated place.



CEILING SOLUTIONS

### Safety Data Sheet

Product Identifier: Bio-Acoustic Infill Panel

SDS ID: ARM-005

#### Disposal

Dispose in accordance with all applicable regulations.

### \*\*\*Section 3 - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS\*\*\*

CAS	Component	Percent
	No Hazardous Ingredients	

### \*\*\*Section 4 - FIRST-AID MEASURES\*\*\*

#### Description of Necessary Measures

##### Inhalation

IF INHALED: Not a likely route of exposure.

##### Skin Contact

Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

##### Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Ingestion

If a large amount is swallowed, get immediate medical attention.

#### Most Important Symptoms/Effects

##### Acute

NA

##### Delayed

NA.

#### Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

### \*\*\*Section 5 - FIRE-FIGHTING MEASURES\*\*\*

#### Suitable Extinguishing Media

carbon dioxide, regular dry chemical, regular foam, water spray

#### Unsuitable Extinguishing Media

None known.

#### Special Hazards Arising from the chemical

None known.

#### Hazardous Combustion Products

**Combustion:** Upon decomposition, this product may emit carbon monoxide, carbon dioxide and/or other products of combustion of organic materials.

#### Fire Fighting Measures

Keep away from sources of ignition - No smoking. Avoid inhalation of material or combustion by-products. Move material from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.

#### Special Protective Equipment and Precautions for Firefighters

Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

## Safety Data Sheet

Product Identifier: Bio-Acoustic Infill Panel

SDS ID: ARM-005

### \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

#### Personal Precautions, Protective Equipment and Emergency Procedures

Wear appropriate personal protective equipment. Keep unnecessary people away, isolate hazard area and deny entry. Avoid contact with skin and eyes. If respirable dusts are generated, respiratory protection may be needed. Collect spillage. In case of spillage, stop the flow of material and block any potential routes to water systems. Only personnel trained for the hazards of this material should perform clean up and disposal. Avoid release to the environment.

#### Methods and Materials for Containment and Cleaning Up

Keep out of water supplies, sewers and soil. In case of spillage, stop the flow of material and block any potential routes to water systems. Collect spilled material using mechanical equipment. Keep unnecessary people away, isolate hazard area and deny entry. Avoid dust generation and accumulation. Keep container tightly closed. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Use non-sparking tools and equipment.

### \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

#### Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Keep away from all ignition sources. Do not breathe dust. Use methods to minimize dust. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see Section 8. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Take precautionary measures against static discharge. Dissipate static electricity during transfer by earthing (grounding and bonding) containers and equipment.

#### Conditions for Safe Storage, including any Incompatibilities

Store in a cool, dry place. Store in a well-ventilated place. Avoid contact with burning or molten material. Keep separated from incompatible substances. Keep container tightly closed. Empty containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning. Store and handle in accordance with all current regulations and standards.

**Incompatibilities:** Not available

### \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

#### Exposure Limits

Follow all applicable exposure limits. Minimize dust generation and accumulation.

#### Component Exposure Limits

Not applicable.

#### Appropriate Engineering Controls

Provide local exhaust ventilation system. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area.

Use only appropriately classified electrical equipment and powered industrial trucks.

#### Individual Protection Measures, such as Personal Protective Equipment

##### Eyes/Face Protection

Wear safety glasses.

##### Skin Protection

Wear appropriate gloves and / or clothing.



CEILING SOLUTIONS

### Safety Data Sheet

Product Identifier: Bio-Acoustic Infill Panel

SDS ID: ARM-005

#### Glove Recommendations

Wear appropriate chemical resistant gloves.

#### Respiratory Protection

Not expected to be necessary under normal conditions of use.

**\*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\***

<b>Physical State:</b>	Solid	<b>Appearance:</b>	fibrous forms
<b>Color:</b>	Light brown	<b>Physical Form:</b>	solid
<b>Odor:</b>	None	<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available	<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	Not available
<b>Decomposition:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>OSHA Flammability Class:</b>	Not available	<b>Vapor Pressure:</b>	Not available
<b>Vapor Density (air = 1):</b>	Not available	<b>Density:</b>	Not available
<b>Specific Gravity (water = 1):</b>	Not available	<b>Water Solubility:</b>	Insoluble
<b>Log KOW:</b>	Not available	<b>Coeff. Water/Oil Dist:</b>	Not available
<b>Auto Ignition:</b>	Not available	<b>Viscosity:</b>	Not available
<b>VOC:</b>	Not available	<b>Volatility:</b>	Not available
<b>Molecular Formula:</b>	Not available		

**\*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\***

#### Reactivity

None known.

#### Chemical Stability

Stable at normal temperatures and pressure.

#### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

#### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials. Avoid generating dust. Avoid contact with molten material.

#### Incompatible Materials

Not available

#### Hazardous Decomposition

**Combustion:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**\*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\***

#### Acute Toxicity

No information available for the product. See component data.

#### Component Analysis - LD50/LC50

Not applicable.

#### Information on Likely Routes of Exposure

##### Inhalation

Causes respiratory tract irritation.

##### Ingestion



CEILING SOLUTIONS

### Safety Data Sheet

Product Identifier: Bio-Acoustic Infill Panel

SDS ID: ARM-005

No information on significant adverse effects.

**Skin Contact**

May cause skin irritation under certain conditions of use.

**Eye Contact**

Causes eye irritation.

**Immediate Effects**

Eye irritation, skin irritation.

**Delayed Effects**

NA

**Medical Conditions Aggravated by Exposure**

No data available.

**Irritation/Corrosivity Data**

NA

**Respiratory Sensitization**

No information available for the product.

**Dermal Sensitization**

No information available for the product.

**Germ Cell Mutagenicity**

No information available for the product.

**Carcinogenicity**

NA

**Reproductive Toxicity**

NA

**Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

**Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

**Aspiration Hazard**

No data available.

**\*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\***

**Ecotoxicity**

No information available for the product.

**Component Analysis - Aquatic Toxicity**

No information available for the product

**Persistence and Degradability**

No information available for the product.

**Bioaccumulation**

No information available for the product.

**Mobility**

No information available for the product.

**\*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\***

**Disposal Methods**

Dispose in accordance with all applicable regulations. Regulations vary. Consult local authorities before disposal.



CEILING SOLUTIONS

## Safety Data Sheet

Product Identifier: Bio-Acoustic Infill Panel

SDS ID: ARM-005

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

### Disposal of Contaminated Packaging

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

Not regulated as a hazardous material.

### TDG Information

No Classification assigned.

### Marine Pollutant

No component(s) of this material is specifically listed in the IMDG Code as an identified marine pollutant.

## \*\*\*Section 15 - REGULATORY INFORMATION\*\*\*

### U.S. Federal Regulations

This material does not contain chemicals required to be identified under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

### SARA 311/312

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

### U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists: None

### Canadian Classification

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

### Canadian WHMIS Ingredient Disclosure List (IDL)

There are no components listed on the Ingredients Disclosure List.

### Canada-WHMIS

WHMIS CLASSIFICATION: NA

### Chemical Inventory Listings

### Component Analysis - Inventory

## \*\*\*Section 16 - OTHER INFORMATION\*\*\*

### Summary of Changes

New SDS: 06/08/2016

NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## Safety Data Sheet

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SDS ID: ARM-005

### Key / Legend

ACGIH = American Conference of Governmental Industrial Hygienists; AU = Australia; BOD = Biochemical Oxygen Demand; C = Celsius; CA = California; CAN = Canada; CAS = Chemical Abstract Service; CERCLA = Comprehensive Environmental Response, Compensation and Liability Act; CFR = Code of Federal Regulations; CN = Canada; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Canadian Domestic Substance List; EPA = Environmental Protection Agency; EU = European Union; IARC = International Agency for Research on Cancer; IDL = Ingredient Disclose List; IDLH = Immediately Dangerous to Life and Health; JP = Japan; KR = Korea; LC50 = Lethal Concentration; LD50 = Lethal Dose; LEL = Lower Explosive Limit; LMPE-CT = Mexico STEL equivalent; LMPE-PPT = Mexico TWA equivalent; MSDS = Material Safety Data Sheet; NIOSH = National Institute of Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NTP = National Toxicology Program; NZ = New Zealand; OEL = Occupational Exposure Limit; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; PH = Philippines; RQ = Reportable Quantity; SARA = Superfund Amendments Act; SDS = Safety Data Sheet; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substance Control Act; TWA = Time Weighted Average; UEL = Upper Explosive Limit; UN = United Nations; US = United State; WHMIS = Workplace Hazardous Materials Information System

### Other Information

Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, consequential, or other such damages resulting from its use or misuse. Disclaimer: Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.

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