

## Safety Data Sheet



according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

### 1 Identification

- **Product identifier**
- **Trade name: AirRenew M2Tech**
- **Other product identifiers:**
  - 1/2" AirRenew M2Tech
  - 5/8" AirRenew M2Tech Type X
- **Recommended use and restriction on use**
- **Recommended use:** Gypsum panel products for interior and exterior wall applications.
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
  - CertainTeed Gypsum
  - 20 Moores Road
  - Malvern, PA 19355
  - Professional: 800-233-8990
  - Consumer: 800-782-8777
  - www.certainteed.com
- **Emergency telephone number:**
  - ChemTel Inc.
  - (800)255-3924 (North America)
  - +1 (813)248-0585 (International)
  - 1-300-954-583 (Australia)
  - 0-800-591-6042 (Brazil)
  - 400-120-0751 (China)
  - 000-800-100-4086 (India)
  - 01-800-099-0731 (Mexico)

### 2 Hazard(s) identification

- **Classification of the substance or mixture**
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
  - Carc. 1B H350 May cause cancer. Route of exposure: Inhalation.
- **Label elements**
- **GHS label elements**
  - The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**
  -  
  - GHS07 GHS08
- **Signal word:** Danger
- **Hazard statements:**
  - H317 May cause an allergic skin reaction.
  - H350 May cause cancer. Route of exposure: Inhalation.
- **Precautionary statements:**
  - P201 Obtain special instructions before use.
  - P202 Do not handle until all safety precautions have been read and understood.
  - P261 Avoid breathing dust.

(Cont'd. on page 2)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

**Trade name: AirRenew M2Tech**

(Cont'd. of page 1)




- P272 Contaminated work clothing must not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection.  
 P302+P352 If on skin: Wash with plenty of soap and water.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

## 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

9004-34-6	cellulose	<10%
8002-74-2	Paraffin waxes and Hydrocarbon waxes	<5%
65997-15-1	Cement, portland, chemicals  Eye Dam. 1, H318  Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	<1%
65997-17-3	Fibrous glass  Carc. 1B, H350	<1%

· **Additional information:** For the wording of the listed Hazard Statements, refer to section 16.

## 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

- Supply fresh air; consult doctor in case of complaints.
- Provide oxygen treatment if affected person has difficulty breathing.

· **After skin contact:**

- Brush off loose particles from skin.
- Wash with soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

- Remove contact lenses if worn, if possible.
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

- Unlikely route of exposure.
- Rinse out mouth and then drink plenty of water.
- Do not induce vomiting; immediately call for medical help.

· **Most important symptoms and effects, both acute and delayed:**

- Breathing difficulty
- Coughing

· **Danger:** May cause cancer. Route of exposure: Inhalation.

· **Indication of any immediate medical attention and special treatment needed:**

- Contains Cement, portland, chemicals. May produce an allergic reaction.

(Cont'd. on page 3)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

**Trade name: AirRenew M2Tech**

Treat skin and mucous membrane with antihistamine and corticoid preparations.

(Cont'd. of page 2)

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Avoid formation of dust.  
Do not breathe dust.
- **Environmental precautions** No special measures required.
- **Methods and material for containment and cleaning up**  
Sweep up and place into an appropriate container.  
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**  
Prevent formation of dust.  
Avoid breathing dust.  
Handle with care.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**  
Storage area should be dry and well-ventilated.  
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:** Protect from humidity and water.
- **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

(Cont'd. on page 4)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

Trade name: AirRenew M2Tech

(Cont'd. of page 3)

## Control parameters

### Components with limit values that require monitoring at the workplace:

#### 9004-34-6 cellulose

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust, **respirable fraction
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> paper fibre, total dust
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup>

#### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

REL (USA)	Long-term value: 2 mg/m <sup>3</sup>
TLV (USA)	Long-term value: 2 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 2 mg/m <sup>3</sup>
EV (Canada)	Long-term value: 2 mg/m <sup>3</sup> fume
LMPE (Mexico)	Long-term value: 2 mg/m <sup>3</sup>

#### 65997-15-1 Cement, portland, chemicals

PEL (USA)	Long-term value: 50 mppcf or 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 1* mg/m <sup>3</sup> E; *as respirable fraction
EL (Canada)	Long-term value: 1 mg/m <sup>3</sup> respirable
EV (Canada)	Long-term value: 10(D) mg/m <sup>3</sup> total dust
LMPE (Mexico)	Long-term value: 1* mg/m <sup>3</sup> A4, *fracción respirable

## Exposure controls

• **General protective and hygienic measures:** Avoid breathing dust.

• **Engineering controls:** Provide adequate ventilation.

### Breathing equipment:

Use respiratory protection when grinding or cutting material.

Particulate mask should filter at least 99% of airborne particles.

### Protection of hands:

Gloves are advised for repeated or prolonged contact.

Wear gloves for the protection against mechanical hazards according to OSHA and NIOSH rules.

• **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.

• **Body protection:** Protective work clothing

## Limitation and supervision of exposure into the environment

(Cont'd. on page 5)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

Trade name: AirRenew M2Tech

(Cont'd. of page 4)

No relevant information available.

· **Risk management measures** No relevant information available.

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · Appearance:

· **Form:** Solid

· **Color:** White

· **Odor:** Odorless

· **Odor threshold:** Not determined.

· **pH-value:** Not applicable.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Product is not flammable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** 1450 °C (2642 °F)

· **Danger of explosion:** Product does not present an explosion hazard.

#### · Explosion limits

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not applicable.

#### · Density:

· **Relative density:** Not determined.

· **Vapor density:** Not applicable.

· **Evaporation rate:** Not applicable.

#### · Solubility in / Miscibility with

· **Water:** Insoluble.

· **Partition coefficient (n-octanol/water):** Not determined.

#### · Viscosity

· **Dynamic:** Not applicable.

· **Kinematic:** Not applicable.

· **Other information** No relevant information available.

## 10 Stability and reactivity

· **Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.

· **Chemical stability:** Stable under normal temperatures and pressures.

· **Thermal decomposition / conditions to be avoided:**

(Cont'd. on page 6)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

Trade name: AirRenew M2Tech

(Cont'd. of page 5)

- No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Moisture.
- **Incompatible materials** No relevant information available.
- **Hazardous decomposition products**  
Under fire conditions only:  
Carbon monoxide and carbon dioxide  
Sulfur oxides (SO<sub>x</sub>)

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Sensitization possible through skin contact.
- **IARC (International Agency for Research on Cancer):**  
Present in trace quantities.

14808-60-7	Quartz (SiO <sub>2</sub> )	1
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- **NTP (National Toxicology Program):**  
Present in trace quantities.

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

- **Probable route(s) of exposure:**  
Inhalation.  
Eye contact.  
Skin contact.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** May cause cancer. Route of exposure: Inhalation.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Other adverse effects** No relevant information available.

(Cont'd. on page 7)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

Trade name: AirRenew M2Tech

(Cont'd. of page 6)

## 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Smaller quantities can be disposed of with household waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- **Uncleaned packagings**

- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- **UN-Number**

- DOT, ADR/RID/ADN, IMDG, IATA Not regulated.

- **UN proper shipping name**

- DOT, ADR/RID/ADN, IMDG, IATA Not regulated.

- **Transport hazard class(es)**

- DOT, ADR/RID/ADN, IMDG, IATA

- Class Not regulated.

- **Packing group**

- DOT, ADR/RID/ADN, IMDG, IATA Not regulated.

- **Environmental hazards**

- Marine pollutant: No

- **Special precautions for user**

Not applicable.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- United States (USA)

- SARA

- **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

(Cont'd. on page 8)

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

**Trade name: AirRenew M2Tech**

(Cont'd. of page 7)

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Present in trace quantities.

14808-60-7	Quartz (SiO <sub>2</sub> )
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· **Chemicals known to cause developmental toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

Present in trace quantities.

14808-60-7	Quartz (SiO <sub>2</sub> )	1
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· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 1B: Carcinogenicity – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

(Cont'd. on page 9)



## Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: June 12, 2019

**Trade name: AirRenew M2Tech**

(Cont'd. of page 8)

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