

# Rockfon® Acoustical Membrane

## Safety Datasheet

Safety Data Sheet according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Date of issue: 04/01/2013 Revision date: 04/15/2015 Supersedes: 01/11/2015 Version: 3.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier:

Trade name: Rockfon Acoustic Ceiling Membrane

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

Use of the substance/mixture: Suspended ceiling membranes for use internally in buildings

#### 1.3. Details of the supplier of the safety data sheet:

Rockfon

4849 S. Austin Ave.

Chicago, IL 60638 USA

rockfon.com

Tel. +1-800-323-7164

Responsible person for the safety data sheet (e-mail): cs@rockfon.com

#### 1.4. Emergency telephone number:

+1-800-323-7164 (08.00 – 16.00 CET)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture:

GHS-US classification: Not classified

#### 2.2. Label elements:

GHS-US labeling: No labeling applicable

#### 2.3. Other hazards:

Other hazards which do not

result in classification: Not expected under normal conditions of use. If user operations generate dust.

Dust may cause mechanical irritation.

#### 2.4. Unknown acute toxicity (GHS-US): No data available

### SECTION 3: Composition/information on ingredients

**3.1. Substance:** Not Applicable

**3.2. Mixture:** Contains 20-60% Calcium carbonate (CAS: 471-34-1). No substances to declare.

Name	Product Identifier	%	GHS-US Classification
Mineral Wool Fiber (Stone Wool)	(CAS No) 65997-17-3	75 - 95	Not classified
Urea, polymer with formaldehyde and phenol (Binder)	(CAS No) 25104-55-6	3 - 5	Not classified

## SECTION 4: First aid measures

### 4.1. Description of first aid measures:

General:	In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation:	Not expected to present a significant inhalation hazard under anticipated conditions of normal use. If user operations generate dust. If exposed to excessive levels of dusts, remove to fresh air and get medical attention if cough or other symptoms develop. Allow the victim to rest. Seek medical advice.
Skin contact:	Rinse using water. Do not rub the skin and eyes after direct contact with the product.
Eye contact:	If user operations generate dust. If exposure to dust (in case of grinding) or vapors (in case of overheating) occur: if dust or fume contacts the eyes. Rinse immediately with plenty of water. Do not rub the skin and eyes after direct contact with the product. Obtain medical attention if pain, blinking or redness persist.
Ingestion:	Unlikely route of exposure. Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting unless directed to do so by medical personnel. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed:

Symptoms/injuries:	Not expected to present a significant hazard under anticipated conditions of normal use. Dust can be generated during cutting or fabrication of the product. If user operations generate dust: Inhalation, eye and skin contact are expected to be the primary routes of occupational exposure. Dust may cause mechanical irritation.
Inhalation:	Use of this product as intended does not result in inhalation of excessive amounts of dust. If user operation generate dust; respiratory tract irritation may occur with exposure to large amounts of any dust.
Skin contact:	Not expected under normal conditions of use. If user operations generate dust. Dusts are mechanical irritants. Dust can be generated during cutting or fabrication of the product.
Eye contact:	Not expected under normal conditions of use. If user operations generate dust. Dusts are mechanical irritants. Dust can be generated during cutting or fabrication of the product.

### 4.3. Indication of any immediate medical attention and special treatment needed:

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media:

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

### 5.2. Special hazards arising from the substance or mixture:

No additional information available.

### 5.3. Advice for firefighters:

Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: When mineral wool is heated above approximately 200°C (392°F), binder components and decomposition gases are emitted from the binder which can be detected by odour.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures:

General measures: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8. Provide adequate ventilation to minimize dust concentrations. Work in a well-ventilated area. Eliminate all ignition sources if safe to do so.

#### 6.1.1. For non-emergency personnel

No additional information available.

#### 6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection

Emergency procedures: Ventilate area

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up:

Methods for cleaning up: Wet dust with water before sweeping. On land, sweep or shovel into suitable containers. Avoid creating or spreading dust. Minimize generation of dust. Pick up loose items, and place in container for disposal. Use approved industrial vacuum cleaner for removal. Store away from other materials. Dispose in a safe manner in accordance with local/national regulations.

### 6.4. Reference to other sections:

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling:

Precautions for safe handling: Ensure adequate ventilation. Do not breathe dust. Avoid raising powdered materials into airborne dust. Avoid creating or spreading dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures: Do not eat, drink or smoke when using this product. Use good personal hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities:

Technical measures: Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

Storage conditions: Keep material in original packaging. Protect from humidity and water. The products must be stacked flat on level floor with protective panels or sheets between products and floor. Products must not be stacked higher than specified on packaging. Store in locations with temperatures in the range of 1-35°C (34 - 95 °F) and up to 95% relative humidity. The location of storage must be free of chemicals, mould, fungi and other kinds of pollution.

Incompatible materials: Strong acid

### 7.3. Specific end use(s):

No additional information available.

## SECTION 8: Exposure controls/Personal protection

<b>8.1. Control parameters:</b>	No additional information available
<b>8.2. Exposure controls:</b>	
Appropriate engineering controls:	Provide adequate ventilation. Ensure the ventilation system is regularly maintained and tested. A washing facility/water for eye and skin cleaning purposes should be present.
Personal protective equipment:	Avoid all unnecessary exposure. In case of dust production: protective goggles. Gloves. Protective clothing. For certain operations, additional Personal Protection Equipment (PPE) may be required.
Hand protection:	Wear protective gloves
Eye protection:	In case of dust production: protective goggles. Chemical goggles or safety glasses.
Skin and body protection:	Long sleeved protective clothing
Respiratory protection:	Wear appropriate mask. With heavy dust development and in confined spaces, use disposable face masks - NIOSH approved dust mask.
Other information:	Do not eat, drink or smoke during use

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties:

Physical state:	Solid
Appearance:	Solid
Colour:	Green;Yellow;brown
Odour:	Odourless
Odour threshold:	No data available
pH:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Melting point:	> 1000 °C (1832 °F)
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	No data available
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	No data available
Density:	70 - 165 kg/m <sup>3</sup>
Solubility:Water:	Insoluble
Log Pow:	No data available
Log Kow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

**9.2. Other information:** No additional information available

## SECTION 10: Stability and reactivity

**10.1. Reactivity:** No additional information available

**10.2. Chemical stability:** Stable at normal conditions

**10.3. Possibility of hazardous reactions:** Hazardous polymerization will not occur

**10.4. Conditions to avoid:** No additional information available

**10.5. Incompatible materials:** Strong acids

**10.6. Hazardous decomposition products:** Fume. Carbon monoxide. Carbon dioxide. Formaldehyde. When mineral wool is heated above approximately 200°C (392°F), binder components and decomposition gases are emitted from the binder which can be detected by odour.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity: Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation: Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)

#### Rockfon Acoustic Ceiling Membrane

##### Additional information

IARC reported the following information for Stone wool, based on animal studies (IARC Monograph No. 81): In a well-designed, long-term inhalation study in which rats were exposed to rock (stone) wool, no significant increase in lung tumour incidence and no mesotheliomas were observed. After intratracheal instillation of rock (stone) wool in two studies, no significant increase in the incidence of lung tumours or mesotheliomas was found. In several studies of intraperitoneal injection of high doses (approximately 109 fibres), rock (stone) wool induced a significant increase in mesothelioma incidence. The more biopersistent rock (stone) wool fibres produced a higher incidence of tumours than fibres with lower biopersistence. IARC reported the following information for Stone wool, based on human studies (IARC Monograph No. 81): In a case-control study that included detailed information on exposure to fibres, individual smoking habits and potential occupational confounders, no increased risk of lung cancer with increasing fibre exposure was reported. The results from these studies provide no evidence of an increased risk for pleural mesotheliomas or any other tumours. IARC's overall evaluation of carcinogenicity for Stone wool was that rock (stone) wool is not classifiable as to its carcinogenicity to humans (Group 3).

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure): Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure): Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard: Not classified (Based on available data, the classification criteria are not met)

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met

Symptoms/injuries after inhalation: Use of this product as intended does not result in inhalation of excessive amounts of dust. If user operation generate dust; respiratory tract irritation may occur with exposure to large amounts of any dust.

Symptoms/injuries after skin contact: Not expected under normal conditions of use. If user operations generate dust.

Dusts are mechanical irritants. Dust can be generated during cutting or fabrication of the product.

Symptoms/injuries after eye contact: Not expected under normal conditions of use. If user operations generate dust.

Dusts are mechanical irritants. Dust can be generated during cutting or fabrication of the product.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

Rockfon Acoustic Ceiling Membrane	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Rockfon Acoustic Ceiling Membrane	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on ozone layer:	No additional information available
Effect on the global warming:	No known ecological damage caused by this product
Other information:	Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations. Ensure all national/local regulations are observed.
Ecology - waste materials:	Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT.

Not regulated for transport.

### Additional information

Other information:	No supplementary information available
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### ADR

Transport document description:	No additional information available
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### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

### 15.2. National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Indication of changes: 3. Composition/information on ingredients. Density.

Revision date: 06/19/2014

Other information: None

Indication of changes: 1. Canada Address

Revision date: 01/11/2015

Other information: None.

SDS US (GHS HazCom 2012)

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