

## Mojave S2-10

March 2021 - Version 2

### Section 1 - Chemical Product and company identification

<b>Product Name -</b>	<b>ScreedBoard 20</b>
<b>Use -</b>	Acoustic and underfloor heating floor applications
<b>Company -</b>	<b>Collecta Limited</b> , Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF
<b>Email/Web Address -</b>	technical@collecta.co.uk <span style="float: right;">www.collecta.co.uk</span>
<b>Emergency Contact No. -</b>	During office hours - 01634 296677. Outside of these please contact a medical professional.

### Section 2 - Composition

Gypsum  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$   
Fraction of cellulose fibres -  $(\text{C}_6\text{H}_{10}\text{O}_5)_n$

### Section 3 - Hazards Identification

<b>Appearance -</b>	High Density Gypsum Fibre board, grey in colour
<b>Odour -</b>	None
<b>Inhalation -</b>	Gypsum dust may irritate the respiratory system
<b>Skin Contact -</b>	Gypsum dust may irritate sensitive skin
<b>Eye Contact -</b>	Gypsum dust may irritate eyes

Cutting and sanding may generate excessive dust.

### Section 4 - First aid measures

<b>Inhalation -</b>	Remove the person to fresh air, should symptoms persist, consult a medical professional
<b>Skin Contact -</b>	Wash skin with plenty of water, then wash with water and soap.
<b>Eye Contact -</b>	Immediately flush with plenty of water for at least 5 minutes. If irritation persists, consult a medical professional.
<b>Ingestion -</b>	Wash mouth out and drink plenty of water. Do not give laxatives or induce vomiting. Should symptoms persist consult a medical professional.

### Section 5 - Fire fighting measures

<b>Extinguishing Media -</b>	All extinguishing media is suitable. Product is non-combustible
<b>Fire Fighting Instructions -</b>	In case of fire, minimal amounts of carbon dioxide and carbon monoxide are released. Wear suitable breathing apparatus and protective fire fighting clothing.
<b>Advise for Firefighters -</b>	N/A

### Section 6 - Accidental Release Measures

<b>Environmental Protection -</b>	N/A
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### Section 7 - Handling and Storage

<b>Safe handling Advice -</b>	Ensure that handling equipment is of suitable capacity and that all operatives are advised of handling procedures. Care should be taken to avoid strain to handlers.
<b>Cutting -</b>	<b>ScreedBoard</b> should be cut with a skill or hand saw in well ventilated areas. If using a skill saw, suitable dust extraction units and face mask should be used.
<b>Max Storage Temp -</b>	70°C
<b>Storage Conditions -</b>	<b>ScreedBoard</b> should be stored flat and in dry conditions and not outside.

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## Section 8 - Exposure Controls/Personal Protection

<b>Respiratory equipment -</b>	Wearing suitable face mask is recommended when cutting <b>ScreedBoard</b> .
<b>Hand Protection -</b>	Gloves may be worn for comfort.
<b>Eye Protection -</b>	Use goggles or safety glasses when exposed to dust.
<b>Skin Protection -</b>	N/A
<b>Hygiene Measures -</b>	After contact, wash hands with lukewarm water and soap.

## Section 9 - Physical and Chemical Properties

<b>Appearance -</b>	Solid flat sheet
<b>Odour -</b>	Odourless
<b>Melting Point -</b>	N/A
<b>Ignition Point -</b>	N/A
<b>Density -</b>	approx. 1.5g/cm <sup>3</sup>
<b>Solubility -</b>	CaSO <sub>4</sub> - 2H <sub>2</sub> O - approx. 2 g/l Cellulose - insoluble
<b>VOC -</b>	After 3-7 days no VOC or SVOC present

## Section 10 - Stability and Reactivity

<b>Reactivity -</b>	None
<b>Chemical Stability -</b>	N/A
<b>Hazardous decomposition Products -</b>	Carbon monoxide and carbon dioxide from thermal decomposition or incomplete combustion. None
<b>Dangerous Reactions -</b>	Moisture
<b>Conditions to avoid -</b>	

## Section 11 - Toxicological Information

<b>Irritant Effect -</b>	<b>ScreedBoard</b> is non-toxic, however, dust can cause short term irritation to the respiratory system and eyes. No known long term effects.
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## Section 12 - Ecological Information

<b>Biodegradation -</b>	<b>ScreedBoard</b> is not biodegradable.
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## Section 13 - Disposal Considerations

<b>Disposal -</b>	Recycle, reuse or dispose according to local regulations.
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## Section 14 - Transport Information

This product is not classified as hazardous for land, maritime and air transport

## Section 15 - Regulatory Information

This product is not classified as hazardous.

## Section 16 - Further Information

Supplementary information about this product can be supplied by Cellecta Ltd.

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. It does not represent a guarantee of the properties of the product. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This data sheet applies to the product named above. If the product is used as parts of other products, information in the safety data sheet may be invalidated. No warranty is hereby expressed or implied.

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## Mojave S2-10

March 2021 - Version 1

### Section 1 - Chemical Product and company identification

<b>Product Name -</b>	<b>XFLO</b>
<b>Use -</b>	Thermal Insulation for underfloor heating
<b>Company -</b>	<b>Collecta Limited</b> , Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF
<b>Email/Web Address -</b>	technical@collecta.co.uk <span style="float: right;">www.collecta.co.uk</span>
<b>Emergency Contact No. -</b>	During office hours - 01634 296677. Outside of these please contact a medical professional.

### Section 2 - Composition/Information on Ingredients

<b>Component</b>	<b>CAS #</b>	<b>EG #</b>
Polystyrene	9003-53-6	500-008-9
Carbon dioxide (blowing agent)	00124-38-9	204-696-9
Isobutane (co-blowing agent)	00075-28-5	200-857-2
Brominated preparation with synergic (flame retardant)	1889-67-4	217-568-2
Solvent Dimethylether	115-10-6	204-065-8
Talcum	-	-
Colouring additive	-	-
Product labeled according to regulation CLP EC 1272/2008		

### Section 3 - Hazards Identification

No particular hazards are known

<b>Appearance -</b>	Yellow, odorless foam board with closed cells
<b>Emergency Overview -</b>	To prevent ignition, avoid open fire, smoking and high temperatures. Grinding, sawing or other treatments, can produce dust particles which may under specific conditions form explosive dust atmospheres that can be ignited. Exposure to dust may be irritating to eyes, nose and throat.

#### Potential Health Effects

<b>Inhalation -</b>	Dust produced by grinding, Sawing or other treatments, may cause irritation of the nose, throat and respiratory tract.
<b>Skin contact -</b>	No effects expected.
<b>Eye contact -</b>	Dust produced by grinding, Sawing or other treatments, may cause irritation of the eyes.
<b>Ingestion -</b>	Ingestion of the product can cause gastrointestinal irritation and/or disturbances.
<b>Notes to physician -</b>	No specific antidote

### Section 4 - First aid measures

<b>Inhalation -</b>	Move person to fresh air. If effects occur, consult a physician.
<b>Skin Contact -</b>	Wash skin with plenty of water.
<b>Eye Contact -</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, consult a medical professional.
<b>Ingestion -</b>	Consult a medical professional. Do not give laxatives and don't induce vomiting.

### Section 5 - Fire fighting measures

<b>Flash Point -</b>	320°C Flash ignition temperature according ASTM D1929 (B)
<b>Extinguishing media -</b>	Foam, water, carbon dioxide

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## Section 5 - Fire fighting measures (continued)

### Hazardous combustion products -

Under fire conditions, polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic or irritating compounds. Primary combustion products are Carbon Dioxide and Styrene.

### Other Important flammability information -

When the product is stored in closed containers, a flammable atmosphere can develop.

### Fire fighting instructions - Protective Equipment for fire fighters -

Keep people away. Isolate fire perimeter

Wear positive-pressure, self containing breathing apparatus and protective fire fighting clothes.

## Section 6 - Accidental Release Measures

### Protect people -

Clear non-emergency personnel from area. Use appropriate equipment.

### Environmental protection -

Firewater may be toxic.

### Clean up -

Pick up, sweep up dust and pieces. Depose in a suitable container.

## Section 7 - Handling and Storage

### Handling -

Prevent cumulation of dust. In order to prevent build-up of combustible vapours, do not store large quantities in an unventilated space.

### Storage -

Flammable vapours may cumulate.

The storage should be ventilated.

Storage, use and handling areas should be non-smoking areas.

The material should never be exposed to a flame or other ignition sources.

Take the necessary measurements to prevent build-up of static electricity.

## Section 8 - Exposure Controls/Personal Protection

### Engineering controls -

Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.

### Personal protective equipment

### Eye and face protection -

Use safety glasses

### Skin protection -

Wear clean body-covering clothes.

### Respiratory protection -

Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.

## Section 9 - Physical and Chemical Properties

### Appearance -

Yellow foam board

### Physical state -

Solid

### Odor -

Odorless

### Specific gravity -

30 - 40kg/m<sup>3</sup>

### pH -

N/A

### Solubility (water) -

Insoluble

### Softening point -

104°C

### Decomposition -

≥320°C (Flash point)

180°C (Physical/chemical degradation)

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## Section 9 - Physical and Chemical Properties (continued)

Upper and lower explosion limits (Vol%):

UEL:	DME	26,2
LEL:	DME	3,3
UEL:	Isobutane	8,5
LEL:	Isobutane	1,8

## Section 10 - Chemical Stability and Reactivity

### Stability -

Thermally stable in typical use conditions

### Conditions to avoid -

Max use temperature - 75°C  
Avoid temperatures above 250°C  
Avoid direct sunlight

### Incompatibility with other materials -

Avoid contact with oxidizing materials, aldehydes, amines, esters, fuel and organic solvents.

### Acute and chronic toxicity - Carcinogenicity -

Dust from grinding, sawing, drilling may cause mechanical irritation of eyes and skin.  
There are no known chronic health effects connected with long term use of the product.

## Section 12 - Ecological Information

### Ecotoxicity -

There is a high probability that the product is not acutely harmful to aquatic organisms. Inhibition of degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.  
Toxicity to fish: LC 50 (96 h) >500 mg/l, *Leuciscus idus* (DIN 38412 Part 15)

**Persistence and degradability -** Experience shows this product to be inert and non-degradable. The product has not been tested. The statement has been derived from products of a similar structure and composition.

**Bioaccumulation potential -** The product will not be readily bioavailable due to its consistency and insolubility in water.

## Section 13 - Disposal Considerations

All disposal methods should be in accordance with federal/or local regulations

## Section 14 - Transport Information

### Land transport -

ADR	Not classified as dangerous goods
RID	Not classified as dangerous goods

### Inland waterway transport -

ADNR	Not classified as dangerous goods
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### Sea transport -

IMDG	Not classified as dangerous goods
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### Air transport -

IATA	Not classified as dangerous goods
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## Section 10 - Stability and Reactivity

<b>Reactivity -</b>	No hazardous reactions known
<b>Chemical Stability -</b>	No hazardous decomposition products known
<b>Dangerous Reactions -</b>	None
<b>Conditions to avoid -</b>	Moisture

## Section 11 - Toxicological Information

<b>Irritant Effect -</b>	These products present no danger in normal use and for which the product was intended.
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## Section 12 - Ecological Information

<b>Biodegradation -</b>	Biodegrade
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## Section 13 - Disposal Considerations

<b>Disposal -</b>	Dispose of according to local regulations.
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## Section 14 - Transport Information

This product is not classified as hazardous for land, maritime and air transport

## Section 15 - Regulatory Information

This product is not classified as hazardous.

## Section 16 - Further Information

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