

# **Mojave S1-8**

March 2021 - Version 2

**Section 1 - Chemical Product and company identification** 

Product Name - ScreedBoard 20

Use - Acoustic and underfloor heating floor applications

Company - Cellecta Limited, Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF

Email/Web Address - technical@cellecta.co.uk www.cellecta.co.uk

Emergency Contact No. - During office hours - 01634 296677. Outside of these please contact a medical

professional.

Section 2 - Composition

Gypsum CaSO<sub>4</sub> - 2H<sub>2</sub>O

Fraction of cellulose fibres - (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>

**Section 3 - Hazards Identification** 

Appearance - High Density Gypsum Fibre board, grey in colour

Odour - None

**Inhalation -** Gypsum dust may irritate the respiratory system

**Skin Contact** - Gypsum dust may irritate sensitive skin

**Eye Contact -** Gypsum dust may irritate eyes

Cutting and sanding may generate excessive dust.

Section 4 - First aid measures

**Inhalation -** Remove the person to fresh air, should symptoms persist, consult a medical

professional

**Skin Contact** - Wash skin with plenty of water, then wash with water and soap.

**Eye Contact -** Immediately flush with plenty of water for at least 5 minutes. If irritation persists,

consult a medical professional.

Ingestion - 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

Extinguishing Media - All extinguishing media is suitable. Product is non-combustible

Fire Fighting Instructions - In case of fire, minimal amounts of carbon dioxide and carbon monoxide are

released. Wear suitable breathing apparatus and protective fire fighting clothing.

Advise for Firefighters - N/A

Section 6 - Accidental Release Measures

**Environmental Protection - N/A** 

**Section 7 - Handling and Storage** 

Safe handling Advice - 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.

ScreedBoard 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.

Max Storage Temp - 70°C

**Storage Conditions - ScreedBoard** should be stored flat and in dry conditions and not outside.

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**Cutting** -



Section 8 - Exposure Controls/Personal Protection

Respiratory equipment - Wearing suitable face mask is recommended when cutting ScreedBoard.

**Hand Protection -** Gloves may be worn for comfort.

**Eye Protection -** Use goggles or safety glasses when exposed to dust.

Skin Protection - N/A

Hygiene Measures - After contact, wash hands with lukewarm water and soap.

**Section 9 - Physical and Chemical Properties** 

Appearance - Solid flat sheet
Odour - Odourless
Melting Point - N/A

Melting Point - N/A Ignition Point - N/A

**Density** - approx. 1.5g/cm<sup>3</sup>

Solubility - CaSO<sub>4</sub> - 2H<sub>2</sub>O - approx. 2 g/l

Cellulose - insoluble

**VOC -** After 3-7 days no VOC or SVOC present

Section 10 - Stability and Reactivity

Reactivity - None Chemical Stability - N/A

Hazardous decomposition Carbon monoxide and carbon dioxide from thermal decomposition or

**Products -** incomplete combustion.

None

**Dangerous Reactions -** Moisture

Conditions to avoid -

**Section 11 - Toxicological Information** 

Irritant Effect - ScreedBoard is non-toxic, however, dust can cause short term irritation to

the respiratory system and eyes. No known long term effects.

**Section 12 - Ecological Information** 

**ScreedBoard** is not biodegradable.

**Section 13 - Disposal Considerations** 

Disposal - Recycle, reuse or dispose according to local regulations.

**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.



## **Mojave S1-8**

March 2021 - Version 1

Section 1 - Chemical Product and company identification

Product Name - XFLO

Use - Thermal Insulation for underfloor heating

Company - Cellecta Limited, Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF

Email/Web Address - technical@cellecta.co.uk www.cellecta.co.uk

Emergency Contact No. - During office hours - 01634 296677. Outside of these please contact a medical

professional.

### Section 2 - Composition/Information on Ingredients

Component	CAS #	EG #
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

Appearance - Yellow, odorless foam board with closed cells

**Emergency Overview** - 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** 

Inhalation - Dust produced by grinding, Sawing or other treatments, may cause irritation of the

nose, throat and respiratory tract.

**Skin contact** - No effects expected.

Eye contact - Dust produced by grinding, Sawing or other treatments, may cause irritation of the

eves.

**Ingestion -** Ingestion of the product can cause gastrointestinal irritation and/or disturbances.

Notes to physician - No specific antidote

### Section 4 - First aid measures

Inhalation - Move person to fresh air. If effects occur, consult a physician.

**Skin Contact** - Wash skin with plenty of water.

**Eye Contact -** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation

persists, consult a medical professional.

Ingestion - Consult a medical professional. Do not give laxatives and don't induce

vomiting.

### Section 5 - Fire fighting measures

Flash Point - 320°C Flash ignition temperature according

ASTM D1929 (B)

**Extinguishing media -** 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 flamibillity

information - When the product is stored in closed containers, a flammable atmosphere can

develop.

Fire fighting instructions - Protective Equipment for

Keep people away. Isolate fire perimeter

**fire fighters** - 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/m3

pH - N/A
Solubility (water) - Insoluble
Softening point - 104°C

**Decomposition -**  $\geq$ 320°C (Flash point)

180°C (Physical/chemical degradation)



### **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 us 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
Sea transport - IMDG Not classified as dangerous goods

Air transport - IATA Not classified as dangerous goods



# **Mojave S1-8**

March 2021 - Version 1

Section 1 - Chemical Product and company identification

Product Name - FIBREfon 8

**Use -** Resilient Layer for Acoustic Floors

Company - Cellecta Limited, Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF

Email/Web Address - technical@cellecta.co.uk www.cellecta.co.uk

Emergency Contact No. - During office hours - 01634 296677. Outside of these please contact a medical

professional.

**Section 2 - Composition** 

Through air bonded non-woven, mix of white and black course polyester fibres and bonding bicomponent fibres with polyester core and co-polyester sheath.

**Section 3 - Hazards Identification** 

Appearance - Polyester fleece, grey in colour

**General -** Non-wovens do not present any danger in normal use.

Hazards - Product will partly melt and shrink away from flames. Smoke can give small amounts

of acid

Section 4 - First aid measures

Inhalation - No specific risk
Skin Contact - No specific risk

**Eye Contact -** Flush with plenty of water for at least 5 minutes. If irritation persists,

consult a medical professional.

Ingestion - Drink plenty of water. Do not give laxatives or induce vomiting. Should symptoms

persist consult a medical professional.

Section 5 - Fire fighting measures

Extinguishing Media - Water, CO<sub>2</sub> or powder can be used - do not use water if fire is caused by an

electrical short circuit.

Advise for Firefighters - Product will partly melt and shrink away from flames.

Smoke can give small amounts of acid

Flash Point - Above 450°C Auto ignition - Above 450°C

Section 6 - Accidental Release Measures

**Environmental Protection - N/A** 

Section 7 - Handling and Storage

Packaging - Product is either bonded to an overlay board or supplied on pallets wrapped in

polyethylene.

Max Storage Temp - 70°C

**Storage Conditions -** FIBRE fon 8 should be stored in dry conditions and not outside.

**Section 8 - Exposure Controls/Personal Protection** 

Respiratory equipment - No specific risk - wear a suitable face mask where appropriate.

Hand Protection - No specific risk - wear suitable gloves where appropriate.

**Eye Protection -** No specific risk - wear suitable safety glasses where appropriate.

Skin Protection - N/A

**Hygiene Measures** - After contact, wash hands with lukewarm water and soap.



Section 9 - Physical and Chemical Properties

Appearance - Solid, textile batt

Odourless

Melting Point - Polyester 250°C, co-polyester 110°C

Density - 1350 to 1420kg/m³ @ 25°C

Solubility - Polyester fibre is soluble in concentrated sulphuric acid, o-dichloobenzol, m-cresol

and tetrachlor-ethylene.

Section 10 - Stability and Reactivity
Reactivity - None

Chemical Stability - Polyester will be decomposed by strong oxidation agents as well as strong acids and

caustics.

Dangerous Reactions - None
Conditions to avoid - Moisture

Section 11 - Toxicological Information

Irritant Effect - These products present no danger in normal use and for which the product was

intended.

Section 12 - Ecological Information Biodegradation - N/A

**Section 13 - Disposal Considerations** 

Disposal - Non-wovens are generally considered household waste and therefore should be

disposed of according to local regulations.

**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.

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