

Fitwall®

Ref. FDS0001en

Version 0 – Revised 25/03/2020

## FITWALL®

## 01 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

## 1.1 Product identification

Product name: Fitwall®

Description: Fitwall® are decorative panels made of polyester resin with an alumina trihydrate (ATH) mineral filler, structurally reinforced with fibreglass.

## 1.2 Relevant identified uses

Fitwall® is a specially manufactured surface for recreating realistic designs with textures and relief patterns on large-format light-weight decorative panels. Thanks to its outstanding properties, it is ideal for cladding furniture or walls, both inside and out. Because it is easy to install, Fitwall® is particularly suitable for hotels, chains, franchises and restaurants.

## 1.3 Details of the supplier

Company: KRION SOLID SURFACE, S.A.  
Ctra. Villarreal - Puebla de Arenoso (CV-20), Km. 1 - P.O./Box 372  
12540 Vila-real (Castellón) ESPAÑA  
www.krion.com - krion@krion.com

E-mail address: krion@krion.com

Telephone number: (+34) 964 50 64 64

## 1.4 Emergency telephone number

(+34) 91 562 04 20 24 h

## 02 HAZARDS IDENTIFICATION

## 2.1 Product classification and labelling

Not applicable.

## 2.2 Other hazards

As an end product, Fitwall® has no associated hazards. Nonetheless, it is important to take into account certain possible risks inherent in its handling or fabrication:

- The prevention of cuts caused by its corners or edges.
- The generation of dust during the cutting and resizing of Fitwall®. High concentrations of dust can cause irritations to the eyes, airways and mouth.
- Emissions of small amounts of volatile organic compounds, such as styrene, when the material is subjected to high temperatures.

The use of FFP2 or FFP3 protective masks is also recommended to prevent the inhalation of dust.

## 03 COMPOSITION/INFORMATION ON COMPONENTS

Fitwall® are decorative panels, made by processing a combination of resins, mineral fillers, fibreglass and organic and inorganic pigments.

Exposure limits can be applicable to:

Sub-products from its fabrication and processing	CAS no.
Fibreglass	65997-17-3
ATH	21645-51-2
Organic and inorganic pigments	-

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## 04 FIRST-AID MEASURES

### 4.1 Description of first-aid measures

General precautions: During cutting operations, dust and/or vapour can be generated. In the event of a query or if symptoms are observed, seek medical advice. Never administer anything orally to an unconscious person. Show this document to the medical staff.

#### 4.1.1 In the event of the inhalation of dust/vapours

Symptoms and effects: When Fitwall® is being cut or fabricated, dust and/or vapours can be generated that might irritate the airways if the relevant recommendations are not followed.

Instructions: In the event of the inhalation of dust/vapours, move the affected person into the fresh air and keep them warm and at rest. If they are not breathing, their breathing is irregular or they stop breathing, artificial respiration or oxygen should be administered by a qualified person. Loosen tight clothing like belts or waistbands. If the affected person is unconscious, place them in the recovery position. Seek medical advice.

#### 4.1.2 In the event of contact between dust/vapours and the skin

Symptoms and effects: When Fitwall® is being cut or fabricated, dust and/or vapours can be generated that might irritate the skin or possible cuts if the relevant recommendations are not followed.

Instructions: Rinse the skin with plenty of soap and water. Remove any contaminated clothing and wash it thoroughly before it is used again. Seek medical advice if the irritation persists. In the event of a cut, proceed as per the severity of the injury.

#### 4.1.3 In the event of contact between dust/vapours and the eyes

Symptoms and effects: When Fitwall® is being cut or fabricated, dust and/or vapours can be generated that might irritate the eyes if the relevant recommendations are not followed.

Instructions: Hold the eyelids open and flush with plenty of water for at least 15 minutes (remove any contact lenses if this can easily be done). Seek medical advice if the irritation persists.

#### 4.1.4 In the event of the ingestion of dust

Symptoms and effects: The accidental ingestion of small amounts (e.g. a teaspoonful) is unlikely to have any effect. The ingestion of larger amounts could cause discomfort, nausea or dizziness.

Instructions: Keep the person under observation. If a large amount is ingested and the symptoms persist, seek medical attention.

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

No acute or chronic health effects are known from handling the product.

## 05 FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Appropriate media: Extinguishing agents (CO<sub>2</sub>, water, etc.). Sprayed water and foam. Adapt the measures to the surrounding areas.

### 5.2 Special hazards arising from the product

In the event of a fire, emissions of products like CO<sub>2</sub>, CO, HCl, HCN or NO<sub>x</sub> might be released due to the combustion of Fitwall®. The emission and/or concentrations of such products might vary, depending on the extent of the fire.

### 5.3 Advice for firefighters

Appropriate extinguishing measures must be taken, bearing in mind the circumstances of the premises and surrounding area. Use self-contained breathing apparatus.

### 5.4 Additional information

Not applicable.

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## 06 ACCIDENTAL RELEASE MEASURES

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

Protective equipment: See point 8.2.2

Emergency procedure: Avoid the formation of dust during cutting and fabrication. Make sure that the area has sufficient ventilation.

### 6.2 Environmental precautions

There are no specific requirements.

### 6.3 Methods and materials for containment and cleaning up

If dust is released, collect it with care using a suction system, and put it into a properly identified sealed container for its recycling or disposal. Alternatively, wet cleaning methods can be used. Then ventilate and clean the affected area.

### 6.4 Reference to other sections

For details of the disposal of waste products, see section 13.

## 07 HANDLING & STORAGE

### 7.1 Precautions for safe handling

The measures described herein refer to cutting and rectifying processes and others that involve the generation of dust/vapour.

#### 7.1.1 Protective measures

Work area:	The work area should be well ventilated and there must be washing facilities. During cutting and calibrating processes, avoid exposure to high dust/vapour concentrations.
Personal protection:	See point 8.2.2
Equipment:	To avoid potentially hazardous situations when cutting Fitwall®, these activities should be carried out in ventilated environments with good air circulation. Cutting equipment with dust extraction systems is particularly advisable.
Means of fire prevention:	Avoid concentrations of dust in the air and in the presence of ignition sources.
Means of preventing the generation of dust and aerosols:	Avoid the formation and dispersion of dust. Any unavoidable dust that gathers must be regularly collected. Use suction systems.
Means of environmental protection:	Do not dispose of dust down any kind of drain, sewer or in surface or underground waters. Bear in mind the emission limit for filtered gases.

#### 7.1.2 General occupational hygiene advice

Do not eat, drink or smoke in work areas.

Avoid inhaling dust.

Keep work areas clean.

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

The product does not need any specific conditions to guarantee safe storage and neither does it have any incompatibilities.

### 7.3 Specific end uses

If advice on its applications is required, contact the supplier.

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## 08 EXPOSURE CONTROL & PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupation exposure limits

##### 8.1.1.1 Dust in suspension (Particles)

Fraction	Spanish exposure limit (8 hr TWA/TLV-DE)	US exposure limit (8 hr TWA)
Breathable fraction	3 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Inhalable fraction	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>

### 8.2 Exposure controls

#### 8.2.1 Appropriate technical controls

Make sure that the work area is well ventilated. Use methods that avoid the formation of dust. If the formation of dust or vapour cannot be avoided, a localized dust extraction system must be used or the material must be handled in a closed system. Transportation systems should be used with explosion discharge vents, explosion suppression vents or with an oxygen-deficient atmosphere. Only appropriately classified industrial motor vehicles and electrical equipment must be used.

#### 8.2.2 Personal protection

Protective equipment must be specifically chosen for the appropriate job and related concentration of dust and vapours. Consult the PPE supplier to find out which type is suitable.

- Eye and face protection: Safety goggles.
- Hand protection: Suitable protective gloves.
- Skin protection: Suitable protective clothing.
- Breathing protection: In the event of insufficient ventilation, use suitable breathing equipment. FFP2 and FFP3 masks should be used.

## 09 PHYSICAL & CHEMICAL PROPERTIES

### A) Appearance:

Physical state: Solid.  
 Colour: Variable.  
 Smell: Odourless.

## 10 STABILITY & REACTIVITY

### 10.1 Chemical stability

Stable under recommended conditions of storage and use.

### 10.2 Conditions to avoid

Avoid a build-up of dust in suspension. A high concentration of air-borne dust in the presence of an ignition source could be a potential cause of a dust explosion.

### 10.3 Materials to avoid

Not applicable.

### 10.4 Hazardous decomposition products

At high temperatures, the material can release small amounts of volatile organic compounds like styrene. At ambient temperatures or under normal conditions of use, there are no such emissions.

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## 11 TOXICOLOGICAL INFORMATION

This product has no known adverse effects on human health.

As an end product, Fitwall® has no associated toxicological hazards. During the handling of Fitwall®, in processes such as cutting, large amounts of dust can be released.

The composition of the generated dust is the same as that of Fitwall®, primarily organic materials, minerals like ATH, fibreglass and organic or inorganic pigments. This dust can contain fractions in the hazardous inhalable, breathable or nanoparticle fraction range. For this reason, the airways should not be exposed to dust during fabrication. To avoid this hazard, carry out such operations in well ventilated environments, with extraction equipment and a mask to protect the airways.

## 12 ECOLOGICAL INFORMATION

No available information.

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Product disposal

Disposable at landfill sites, whenever permitted under local legislation. If not, follow the applicable legislation.

European legislation:	Directive 2008/98/EC of the European Parliament and the Council of November 29th 2008 on Waste, by virtue of which certain directives were repealed (OJ L 312 of 22/11/2008).
Spanish legislation:	Spanish Act 22/2011 of 28/07/2011 on Waste and Contaminated Soil (BOE no. 181 of 29/07/2011).
U.S. legislation*:	<i>Resource Conservation and Recovery Act (42 U.S.C. §6901 et seq.). U.S. Code of Federal Regulations, Title 40: Protection of Environment, Chapter I: Environmental protection Agency, Subchapter I: Solid Wastes (parts 239-282).</i>
*It might be necessary to consult legislation at a state and local level.	

### 13.2 Packaging disposal

The cardboard boxes can be delivered to local recycling facilities, whenever permitted under local legislation. If not, follow the applicable legislation.

European legislation:	Directive 94/62/EC of the European Parliament and the Council of December 20th 1994 on Packaging and Packaging Waste (OJ L 365 of 31/12/1994).
Spanish legislation:	Spanish Act 11/1997 of April 24th on Packaging and Packaging Waste (Spanish Official Gazette no. 99 of 25/04/1997). Spanish Royal Decree 782/1998 of April 30th by virtue of which the Regulation is passed for the development and enforcement of Spanish Act 11/1997 of April 24th on Packaging and Packaging Waste (BOE no. 104 of 01/05/1998).
U.S. legislation*:	<i>Resource Conservation and Recovery Act (42 U.S.C. §6901 et seq.). U.S. Code of Federal Regulations, Title 40: Protection of Environment, Chapter I: Environmental protection Agency, Subchapter I: Solid Wastes (parts 239-282).</i>
*It might be necessary to consult legislation at a state and local level.	

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## 14 TRANSPORT INFORMATION

A non-hazardous product in accordance with international criteria governing transportation by land, sea and air.

## 15 REGULATORY INFORMATION

European legislation:

(EC) Regulation no. 1272/2008 of the European Parliament and the Council of December 16th 2008 on the Packaging, Labelling and Classification of Substances and Mixes, by virtue of which Directives 67/548/EEC and 1999/45/EC were amended and repealed and (EC) Regulation no. 1907/2006 was amended.

U.S. legislation\*:

TSCA (US) Status: On the inventory, or in compliance with the inventory  
TSCA: On the inventory, or in compliance with the inventory  
SARA 311/312 Hazard classification: Combustible dust  
SARA 313 Regulated Chemical(s): Zinc sulphide, Zinc distearate

\*It might be necessary to consult legislation at a state and local level.

## 16 OTHER INFORMATION

**DISCLAIMER.** The information in this Safety Data Sheet was obtained from sources which we deem to be reliable. However, the information is supplied with no express or implicit guarantee as to its exactitude. The conditions or methods with which the product is handled, stored, used or disposed of are beyond our control and possibly also beyond our knowledge. For this and other reasons, we cannot be held liable for any loss, damage or expense incurred as a result of or in any way related to the handling, storage, use or disposal of the product. This Safety Data Sheet was solely drafted for use with this product. If the product is used as the component of another product, this information might not be applicable.

### 16.1 Abbreviations

BOE:	Spanish State Gazette
CAS:	Chemical Abstracts Service
EC:	European Community
OJ:	Official Journal of the European Union
PPE:	Personal protective equipment
LC <sub>50</sub> :	Mean lethal concentration
SARA:	<i>Superfund Amendments and Reauthorization Act</i>
TSCA:	<i>Toxic Substances Control Act</i>
TWA:	Time-Weighted Average
TLV-DE:	Threshold limit value – Daily exposure