

## Fabrifit Ceramic

Optimal foot comfort under the most extreme conditions



High tensile strength



Abrasion resistance



Anti-odor



Absorbent

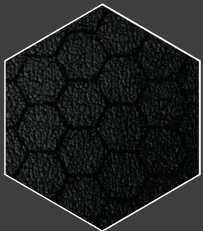


Fast-drying

**Fabrifit Ceramic** is the ultimate material for shoe interiors, foot orthotic top-covers and soft interface covers. Special channels in the coating are designed to guide moisture deep into the material, making for a more efficient form of moisture wicking and assuring a dry and comfortable climate. Packed with high tech properties, the Ceramic print makes **Fabrifit Ceramic** the preferred choice for the most demanding wear resistance, color fastness and anti-slip applications.

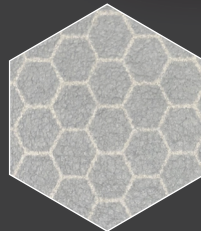


### Available Colors



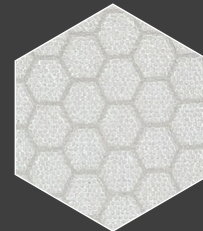
**Black**  
**In-Stock**

- Rolls
- Sheets
- Strips
- Laminations



**Grey**  
Special Order

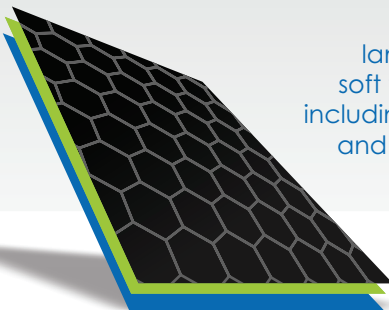
- Rolls



**Ivory**  
Special Order

- Rolls

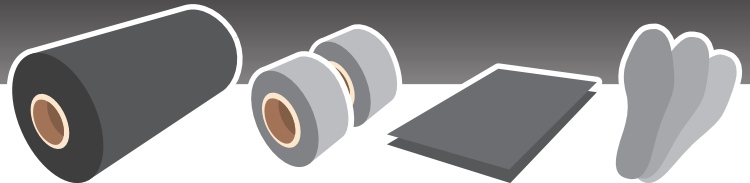
### Laminations



**Fabrifit Ceramic** can be laminated to any of Acor's soft foam interface materials including **Echocel<sup>®</sup> Professional**, and **Echocel<sup>®</sup> High Rebound**, creating an advanced, moisture-wicking top cover designed for a high level of activity.

### Conversions

**Fabrifit Ceramic** is available in rolls, half rolls, sheets, wheels, strips, in custom laminations and in die-cut shapes.



# Material datasheet

2022

FabriFit Ceramic 0.8mm

<b>Structural characteristics</b>	<b>Composition</b>	Polyurethane 50% + non woven (nylon - 100%) 50%			
	Version		ceramic		
<b>Dimensional characteristics</b>	<b>TEST</b>	<b>Specification</b>	<b>Value</b>	<b>Units</b>	<b>Regulations</b>
	Width	137-140	√	cm	UNE-EN 1773-97
	Weight	320 ± 40	√	g/m <sup>2</sup>	UNE 40600-6/ISO
<b>Technical characteristics</b>	<b>Shrinkage</b>				
	Thickness	0.8 ± 0,05	0,8 ± 0,05	mm	UNE EN ISO 5084
<b>Remarks</b>	<b>Tear strength</b>				
	Along	≥ 15	34	N	DIN EN ISO 20345 ff
	Across	≥ 15	34	N	DIN EN ISO 20345 ff
	<b>Color fastness to rubbing (bleeding of the friction area)</b>				
	Dry 10 x		5	Gray scale levels	DIN EN ISO 105-x12
	Wet 10 x		5		DIN EN ISO 105-x12
	<b>Abrasion resistance</b>				
	Dry 51200 x	no holes	√	scrubbing	DIN EN ISO 20345 ff
	Wet 25600 x	no holes	√	scrubbing	DIN EN ISO 20345 ff
	Vapor coefficient	≥ 20	28,8	mg/cm <sup>2</sup>	DIN EN ISO 20345 ff
Waterproof vapor	≥ 2	3,4	mg/cm <sup>2</sup>	DIN EN ISO 20345 ff	
<b>Test drop</b> T. Absorption (2 seconds) Appearance (No change)					



# SAFETY DATASHEET

acc. to 1907/2006/EC, Article 31 (REACH), 1272/2008/EC (CLP) and 453/2010/EC  
Printing date 20.08.2020 Version number 1 Revision: 20.08.2020

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

### 1.1 Product identifier

**Trade name:**

**Fabrifit** Smooth, **Fabrifit** Semi-perforated, **Fabrifit** Plus, **Fabrifit** Ceramic, **Fabrifit** Gloss  
**Fabrifit** Conductive

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

No further relevant information available.

### Application of the substance / the mixture

Intermediate  
Multi-pack product  
Processing aid

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

**Manufacturer/Supplier:**

Supplier  
Acor Orthopaedic, Inc.  
18530 South Miles Parkway  
Cleveland, OH 44128  
USA  
Tel. 800.237.2267  
Fax 800.830.8445

**Information:**

Contact: [jmerolla@acor.com](mailto:jmerolla@acor.com)  
Product information: [jmerolla@acor.com](mailto:jmerolla@acor.com)

### 1.4 Emergency telephone number: Tel. 800.237.2267

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

The substance is not to be classified according to the CLP regulation.

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

#### Information concerning particular hazards for human and environment: Void

#### Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008 Void

#### Hazard pictograms Void

#### Signal word Void

#### Hazard statements Void

## SECTION 3: Composition/information on ingredients

### 3.1 Chemical characterisation: Substances

#### CAS No. Designation:

Cover/lining material

#### Identification number(s):

EC number: void

Description: Cover/lining material based on polyamide and PU.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information** No special measures required.

**After inhalation :** void

**After skin contact:** void

The product is not skin irritating.

**After eye contact:** void

**After swallowing:** void

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with foam.

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

Fire can cause release of:

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Acetic acid

#### 5.3 Advice for firefighters

**Protective equipment:** Put on breathing apparatus.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** No special measures required.

**6.2 Environmental precautions:** No special measures required.

**6.3 Methods and material for containment and cleaning up:** Collect mechanically.

**6.4 Reference to other sections** No dangerous materials are released.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** No special measures required.

**Information about protection against explosions and fires:**

Have fire extinguishing equipment ready in case of nearby fire.

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

**Storage**

**Requirements to be met by storerooms and containers:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**Components with critical values that require monitoring at the workplace: Not required.**

**Additional information:** The lists that were valid during compilation were used as a basis.

#### 8.2 Exposure controls

##### Personal protective equipment

##### General protective and hygienic measures

Wash hands during breaks and at the end of the work.

The usual precautionary measures should be adhered to in handling the chemicals.

**Breathing equipment:** Not required.

**Protection of hands:** Not required.

**Material of gloves** not applicable

**Penetration time of glove material** not applicable

**Eye protection:** Not required.

**Body protection:** none

### SECTION 9: Stability and reactivity

**9.1 Reactivity** No hazardous reactions when stored and handled according to instructions.

#### 9.2 Chemical stability

##### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**9.3 Possibility of hazardous reactions** No dangerous reactions known

**9.4 Conditions to avoid** No further relevant information available.

**9.5 Incompatible materials:** No further relevant information available.

**9.6 Hazardous decomposition products:** Danger of toxic pyrolysis products

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Printing date 20.08.2020

Version number 1

Revision: 20.08.2020

### SECTION 10: Physical and chemical properties

#### 10.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

**Form:** Solid material.

**Colour:** Various

**Smell:** Odourless

**Odour threshold:** not applicable

**pH-value:** not applicable

##### Change in condition

**Melting point/Melting range:** not determined

**Boiling point/Boiling range:** not applicable

**Flash point:** > 200 °C

**Inflammability (solid, gaseous)** not determined

**Ignition temperature:** > 200 °C

**Decomposition temperature:** not determined

**Danger of explosion:** Product is not explosive.

##### Critical values for explosion:

**Lower:** not applicable

**Upper:** not applicable

**Oxidising properties** not applicable

**Steam pressure:** not applicable

**Density at 20 °C** not applicable

**Evaporation rate** not applicable

##### Solubility in / Miscibility with

**Water:** Insoluble

**Partition coefficient (n-octanol/water):** not applicable

##### Viscosity:

**dynamic:** not applicable

**kinematic:** not applicable

#### 10.2 Other information No further relevant information available.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** void

**Additional toxicological information:**

The product does not have any harmful effects when used and handled according to specification.

**Repeated dose toxicity** No further relevant information available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** No further relevant information available.



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### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**Other information:** Easy elimination possible by flocculation or adsorption by sludge.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**Ecotoxicological effects:**

**Other information:**

No AOX

No VOC according to EC-directive 1999/13/EC

**Additional ecological information:**

**According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464**

**EC:**

None

**General notes:** Generally not hazardous for water.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation

Smaller quantities can be disposed with household garbage.

Can be burnt with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

##### European waste Catalogue

16 03 06 organic wastes other than those mentioned in 16 03 05

##### Uncleaned packaging:

##### Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packaging can be reused or recycled after cleaning.

### SECTION 14: Transport information

#### 14.1 UN-Number

ADR, IMDG, IATA Void

#### 14.2 UN proper shipping name

ADR, IMDG, IATA Void

#### 14.3 Transport hazard class(es)

ADR, IMDG, IATA

Class Void

#### 14.4 Packing group

ADR, IMDG, IATA Void

**14.5 Environmental hazards:** Not applicable.

**14.6 Special precautions for user** Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

**Transport/Additional information:** Not dangerous according to the above regulations.

**UN "Model Regulation":** -

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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Contact:** [bdunphy@acor.com](mailto:bdunphy@acor.com)

#### **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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

**Sources: source ECHA:** European Chemicals Agency, <http://echa.europa.eu/>

**\* Data compared to the previous version altered.**