

SundaHus product declaration for environmental assessment

This document template describes the basic details that SundaHus needs in order to assess articles and chemical products. The information can either be provided in this document or be referenced to in other relevant documentation. For some specific articles and products additional information may be required. *Mandatory fields are marked with a **

1. Document data

Creation date* (YY-MM-DD)	25-01-20
Revision date (YY-MM-DD)	

2. Supplier

Company name*:	Georg Fischer AB
Org. number/VAT number*:	556587-9649 SE556074428501
Address*:	Liljeholmstranden 5 117 43 Stockholm
Contact information*:	Tenho Rissanen
E-mail address*:	Tenho.rissanen@georgfischer.com
Website*:	WWW.gfps.com/se

3. Product information

The information provided in this paragraph will help customers find the product in the database. If the same product is sold on markets other than the Swedish market, please specify these as well. Note that the products must be identical in composition to be registered under the same assessment.

Markets/relevant languages*:	<input checked="" type="checkbox"/> Swedish	<input type="checkbox"/> Danish	<input checked="" type="checkbox"/> English	<input type="checkbox"/> Other:
Product name*:	COOL-FIT 2.0 Preinsulated coupler för electrofusion			
Article number (i.e. GTIN)	GF 738914114 / GTIN 7612988808603 / RSK 2516184			
BSAB code:	55.D - Coolant system			
BK04 number:	20512 Plastic pipe system industry			
Boverket category:				

Product description*:	COOL-FIT 2.0 Preinsulated coupler for electrofusion PE100 SDR11 Dim 110/160
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4. Composition

Specify all the materials that are included in the product, with CAS number, hazards identification (if available) and weight percentage.¹

Without precise information about the material's composition (additives, alloys, etc) we will use a "worst case/ default" composition for the respective material ².

The product at time of delivery is comprised of the following parts/components, with the specified chemical composition:					
Component*	Constituent substances/ materials*	Weight %* ³	EG no/CAS no /alloy no.* ⁴	CLP classification	Comments
Outer jacket	PUR	1.77 %	9009-54-5		RIM
Inner Coupler	PE100	85.78 %	25087-34-7 & 1333-86-4	Not classified as dangerous for supply/use.	Acc. SDS
Insulation	PUR foam	7.44 %	9009-54-5		RD
Electrofusion wires	Copper	2.51 %	7440-50-8 / 231-159-6		
Color pigments	Carbon black	2.5 %	1333-86-4	Carbon Black is not classified for any physico-chemical, toxicological or eco-toxicological endpoint.	Acc. TDS

¹ Avoid generic terms such as "plastic", "metal", "paint", etc. Instead specify what kind of plastic, metal or paint it is (such as "ABS plastic", "brass", "acrylic paint"). Please specify additives in plastics (such as flame retardants, plasticizers).

² In the absence of adequate information regarding a component/material, we will utilize a "worst-case"/"default". The composition of our "worst-case" / "defaults" is based on our experience and is representative of commonly available versions of the respective component/material found in the market.

³ Weight percentage, denoted as %, indicates the proportion of the component/material/compound in relation to the total weight of the product/component. To be able to assess the product at least 98% of the components must be disclosed (99,9% for chemical products)

⁴ For metals specify the alloy designation (e.g. SR235JR), and for surface treated metals also specify the weight percentage of the surface treatment.

Total product weight (including measurement unit)*:	0,78 kg/pc	
Specify amount of volatile organic compounds (VOC) in grams/litre:	No emission of classic VOCs such as hydrocarbons, alcohols, aldehydes and organic acids at service temperatures. At higher temperatures, e.g. 120°C, compounds not incorporated in the polymer matrix can emit.	
Were nanoparticles deliberately added to the product to achieve a specific function?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If Yes , specify the nanomaterial:		
Approximate technical life expectancy interval (years):	50-100	Comments:

5. Recycled raw materials

Pre-consumer : recycled material that has not been used by consumers, such as spill or production waste.

Post-consumer : recycled material that has passed the consumer side.

Included material	Percentage recycled material of the product's total weight (%)	Percentage of product total weight (%) Pre-consumer	Percentage of product total weight (%) Post-consumer	Comments
For the raw materials, is there a third-party certificate system for control of origin, raw material extraction, production or recycling processes, or similar? (e.g. BES 6001:2008, EMS certificate, USGBC Program)				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes , specify the system(s)				

6. Circularity and waste management

Re-use specifies if all or part of the product can be used again with the exact same function as previously.

Material recycling specifies if the material can be re-processed and then used in a new product.

Is re-use possible for all or part of the product? *	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify (material/weight%):
Is material recycling for all or part of the product possible when it is considered waste? *	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify (material/weight%): PE & PUR foam 100%

Is energy recycling (combustion) possible for all or part of the product when it is considered waste? *	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify (material/weight%): 100% w/o EF wire
Specify EWC code (European Waste Catalogue) for the delivered product when it is considered waste *	170203			
When the delivered product is considered waste, is it classified as hazardous waste?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
If the product's chemical composition is different after it is installed in a building compared to when it was delivered, and as a consequence the installed product receives a new EWC code, please specify this new code here. If it is unchanged the below information should be omitted.				
Specify EWC code for the installed product here				
Is the installed product classified as hazardous waste?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
Other:				

7. Environmental classification

Certifications need to be supported by a valid certificate.

If wood is included in the product, is it certified?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Which system was used (i.e. FSC, CSA, SFI with CoC, PEFC)			
Reference number:			
If the wood is not certified, please specify country of origin for the raw wood material			
EU energy labelling :			
Environmental labelling (Svanen, Floor Score, C2C, Leed Compliant etc.):			

8. Distribution phase

Is the supplier using Retursystem Byggpall ?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier using a system with reusable distribution packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier reclaim distribution packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier connected to a system for producer responsibility for packaging?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If Yes , which system(s):	Connected to FTI		

Other:	Packaging materials are plastic bags and cardboard
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9. Construction phase

Does the product require special handling during storage?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify: Not in sunlight, not outdoor, keep in packaging until installation
Does the product require special demands on surrounding building materials?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
Other:				

10. Usage phase

Does the product have any special requirements for operation and maintenance? ⁵	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
Does the product require an energy supply for operation?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:

11. Demolition

Is the product prepared for dismantling?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
Does the product require special precautions for protecting health and/or environment during demolishing/dismantling?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
Does the delivered product fall under the WEEE directive (EU site) when it is considered waste?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Other:				

12. Indoor environment

Does the product have a critical moisture state?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:		
The product is tested and meets the following emission criteria (include valid certificate in documents):					
<input type="checkbox"/> EC1+	<input type="checkbox"/> EC1	<input type="checkbox"/> M1	<input type="checkbox"/> M2	<input type="checkbox"/> agBB	<input type="checkbox"/> E1
The following emission tests have been carried out (include emission report in documents):					

SundaHus Product declaration template 2023

Type of emission	Results (with measurement unit)	Measurement method/standard	Comments
Product is not intended for indoor use <input type="checkbox"/>	Product does not give off emissions <input type="checkbox"/>	Product emissions not tested <input checked="" type="checkbox"/>	