BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

Product identification			Document ID 161103-HN
Product name Formenta Streetmast	Product no/ID designation Art Nr: 300350-300650		Product group Lighting columns 3-6m
☒ New declaration ☐ Revised declaration	**In the case of a revised declaration**		
	Has the product been changed?		The change relates to
	☒ No	☐ Yes	Changed product can be identified by
Drawn up/revised on (date) 2016-11-03			Inspected without revision on (date)
Other information:			

2 Supplier information

Company name Formenta AB			Company reg. no/DUNS no 556496-8039	
Address Box 525 331 25 Värnamo			Contact person Telephone +46 370-692550	
Website: www.formenta.se			E-mail info@formenta.se	
Does the company have an environmental management system?			☒ Yes	☐ No
The company possesses certification in compliance with	☒ ISO 9000	☒ ISO 14000	☐ Other	If "other", please specify:
Other information: Producer of fiberglass products such as lighting columns and flagpoles.				

3 Product information

Country of final manufacture Sweden				If country cannot be stated, please state why	
Area of use Lighting columns for both company and private flags					
Is there a Safety Data Sheet for this product?				☒ Not relevant	☐ Yes ☐ No
In accordance with the regulations of the Swedish Chemicals Agency, please state:			Classification Labelling		☒ Not relevant
Is the product registered in BASTA?					☐ Yes ☒ No
Has the product been eco-labelled?	☒ Criteria not found	☐ Yes	☐ No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?					☐ Yes ☐ No
Other information: Declaration for emissions of carbon dioxide, nitrix oxide, sulfur oxide, dust etc.					

4 Contents (To add a new green row, select and copy an entire empty row and paste it in)

At the time of delivery, the product comprises the following parts/components, with the chemical composition stated:

Constituent materials/ components	**Constituent substances**	**Weight % or g**	**EG no/ CAS no (or alloy)**	**Classifi-cation**	**Comments**
Fiberglass		51,5%			
Cured Polyester	unsaturated poly.	42%			
Cured Gelcoat	unsaturated poly.	5%			
Polycarbonate		1,5%			

Data in fields highlighted in green are requriements in compliance with the Ecocycle Council guidelines.

Other information:

If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the **finished built in product** should be given here. If the content is unchanged, no data need be given in the following table.

Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classifi-cation	Comments

Other information:

5 Production phase

Resource utilisation and environmental impact during production of the item is reported in one of the following ways:

☐ 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the **manufacturing unit**, and the outflows (emissions and residual products) from it, i.e. from "gate-to-gate".

☐ 2) All inflows and outflows from the extraction of raw materials to finished products i.e. "cradle-to-gate".

☐ 3) Other limitation. State what:

The report relates to unit of product	☐ Reported product	☐ The product's product group	☐ The product's production unit

Indicate **raw materials and intermediate goods** used in the manufacture of the product		☐ Not relevant
Raw material/intermediate goods	Quantity and unit	Comments
Fiberglass woven rowing	8kg	
Fiberglass math	1kg	
Polyester Peroxide Polycarbonate	10kg 150g 360g	

Indicate **recycled materials** used in the manufacture of the product		☒ Not relevant
Type of material	Quantity and unit	Comments

Enter the **energy** used in the manufacture of the product or its component parts		☐ Not relevant
Type of energy	Quantity and unit	Comments
Environmentally Safe Energy		
District Heating from Biofuel		

Enter the **transportation** used in the manufacture of the product or its component parts		☒ Not relevant
Type of transportation	Proportion %	Comments

Enter the **emissions to air, water or soil** from the manufacture of the product or its component parts		☐ Not relevant
Type of emission	Quantity and unit	Comments
Carbon dioxide	2,28kg	
Nitric oxide Sulfur dioxide Styrene Acetone	30g 0,13g 342g 402g	

Enter the **residual products** from the manufacture of the product or its component parts					☒ Not relevant
			Proportion recycled		
Residual product	Waste code	Quantity	Material recycled %	Energy recycled %	Comments

Is there a description of the data accuracy for the manufacturing data?	☐ Yes	☐ No	If "yes", please specify:		
Other information:					

6 Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	☒ Not relevant	☐ Yes	☐ No
Does the supplier put into practice any systems involving multi-use packaging for the product?	☒ Not relevant	☐ Yes	☐ No
Does the supplier take back packaging for the product?	☒ Not relevant	☐ Yes	☐ No
Is the supplier affiliated to REPA?	☒ Not relevant	☐ Yes	☐ No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information: The product is highly resistant and produced for outdoor usage also in extreme weather.				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?			☒ Yes	☐ No	If "yes", please specify: Limited maintenance like cleaning.	
Does the product have any special energy supply requirements for operation?			☐ Yes	☒ No	If "yes", please specify:	
Estimated technical service life for the product is to be entered according to one of the following options, a) or b):						
a) Reference service life estimated as being approx.	☐ 5 years	☐ 10 years	☐ 15 years	☐ 25 years	☒ >50 years	Comments
b) Reference service life estimated to be in the interval of 60-80 years						
Other information: Formenta have produced high quality fiberglass products since 1972.						

9 Demolition

Is the product ready for disassembly (taking apart)?	☒ Not relevant	☐ Yes	☐ No	If "yes", please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information:				

10 Waste management

Is it possible to re-use all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: The product can be re-used as filling material.
Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Is it possible to recycle energy for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: The product can be

				sent to burn and gives high energy.
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Enter the waste code for the **supplied** product Doesn´t exist. The product is highly resistant.				
Is the **supplied** product classed as hazardous waste?			☐ Yes	☒ No
If the chemical composition of the product differs after having been built in from that which it had at the time of delivery, meaning that another waste code is given to the finished **built in** product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the **built in** product				
Is the **built in** product classed as hazardous waste?			☐ Yes	☒ No
Other information:				

11 Indoor environment (To add a new green row, select and copy an entire empty row and paste it in)

When used as intended, the product gives off the following emissions:	☒ The product does not have any emissions

Type of emission	Quantity [µg/m²h] or [mg/m³h]		Method of measurement	Comments
	4 weeks	26 weeks		

Can the product itself give rise to any noise?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Other information:				

References

Appendices