



**BUILDING PRODUCT DECLARATION BPD 3**  
in compliance with the guidelines of the Ecocycle Council, June 2007

**1 Basic data**

<b>Product identification</b>		Document ID 0001
Product name Dimmer	Product no/ID designation see appendix	Product group Dimmer
<input checked="" type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration	<b>In the case of a revised declaration</b>	
	Has the product been changed? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	The change relates to  Changed product can be identified by
Drawn up/revised on (date) 2012-05-23		Inspected without revision on (date)
Other information:		

**2 Supplier information**

Company name Busch-Jaeger Elektro GmbH		Company reg. no/DUNS no 320 614 597	
Address Freisenbergstraße 2 58513 Lüdenscheid, Germany		Contact person	
Website: www.busch-jaeger.de		Telephone 0180-5 66 99 00	
Does the company have an environmental management system?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The company possesses certification in compliance with	<input type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input checked="" type="checkbox"/> Other	If "other", please specify: ISO 9001, ISO 14001, OHSAS 18001, ISO 50001
Other information:			

**3 Product information**

Country of final manufacture	Germany	If country cannot be stated, please state why		
Area of use	Hotels, private -, commercial- and historic buildings, sports facilities			
Is there a Safety Data Sheet for this product?	<input checked="" type="checkbox"/> Not relevant		<input type="checkbox"/> Yes	<input type="checkbox"/> No
In accordance with the regulations of the Swedish Chemicals Agency, please state:	Classification Labelling	<input checked="" type="checkbox"/> Not relevant		
Is the product registered in BASTA?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
Has the product been eco-labelled?	<input type="checkbox"/> Criteria not found	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Is there a Type III environmental declaration for the product?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
Other information:				

**4 Contents**

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)	Classification	Comments
DX51D, 1.0226	manganese	≤ 31,2%	7439-96-5		
	silicium	≤ 1,2%	90337-93-2		
	titanium	≤ 0,5%	7440-32-6		
		≤ 0,3%			

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

CuZn37; CuZn15; CuSn	copper zinc tin	≤ 9,5% ≤ 1,26% ≤ 0,74% ≤ 0,465%	7440-50-8 7440-66-6 7440-31-5		
AlMg	manganese magnesium iron	≤ 7,0% ≤ 0,5% ≤ 3,4% ≤ 0,4%	7439-96-5 7439-95-4 7439-89-6		
polycarbonate PC  PA6 GF30  fiberglass reinforced polyester PBT	bisphenol A phosgene  aminocaproic acid glass fiber  1,4-butanediol glass fiber terephthalic acid	≤ 11,6%  ≤ 1,6%  ≤ 7,2%	24936-68-3 80-05-7 75-44-5  60-32-2 65997-17-3  110-63-4 65997-17-3 100-21-0		
electrical components	coal seam resistance; capasitor	≤ 31,9%			ROHS-Conform

Other information: no

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: no

## 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: **no requirement**

The report relates to unit of product	<input type="checkbox"/> Reported product	<input type="checkbox"/> The product's product group	<input type="checkbox"/> The product's production unit
Indicate <b>raw materials and intermediate goods</b> used in the manufacture of the product			<input checked="" type="checkbox"/> Not relevant
Raw material/intermediate goods	Quantity and unit	Comments	
Indicate <b>recycled materials</b> used in the manufacture of the product			<input checked="" type="checkbox"/> Not relevant
Type of material	Quantity and unit	Comments	
Enter the <b>energy</b> used in the manufacture of the product or its component parts			<input checked="" type="checkbox"/> Not relevant

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

Type of energy	Quantity and unit		Comments		
Enter the <b>transportation</b> used in the manufacture of the product or its component parts			<input checked="" type="checkbox"/> Not relevant		
Type of transportation	Proportion %		Comments		
Enter the <b>emissions to air, water or soil</b> from the manufacture of the product or its component parts			<input checked="" type="checkbox"/> Not relevant		
Type of emission	Quantity and unit		Comments		
Enter the <b>residual products</b> from the manufacture of the product or its component parts			<input checked="" type="checkbox"/> Not relevant		
Residual product	Waste code	Quantity	Proportion recycled		Comments
			Material recycled %	Energy recycled %	
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is the supplier affiliated to REPA?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other information: INTERSEROH RECYCLING COLOGNE, No. 80095			

## 7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Other information:				

## 8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
Does the product have any special energy supply requirements for operation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> 5 years	<input type="checkbox"/> 10 years	<input type="checkbox"/> 15 years	<input checked="" type="checkbox"/> 25 years	<input type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of	years					
Other information:						

## 9 Demolition

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

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

## 10 Waste management

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Is it possible to recycle materials for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: all row material
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the <b>supplied</b> product 160 213				
Is the <b>supplied</b> product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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 <b>built in</b> product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the <b>built in</b> product				
Is the <b>built in</b> product classed as hazardous waste?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other information:				

## 11 Indoor environment

When used as intended, the product gives off the following emissions:			<input checked="" type="checkbox"/> The product does not have any emissions	
Type of emission	Quantity [ $\mu\text{g}/\text{m}^2\text{h}$ ] or [ $\text{mg}/\text{m}^3\text{h}$ ]		Method of measurement	Comments
	4 weeks	26 weeks		
Can the product itself give rise to any noise?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input type="checkbox"/> No
Value	Unit		Method of measurement	
Can the product give rise to electrical fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input type="checkbox"/> No
Value	Unit		Method of measurement	
Can the product give rise to magnetic fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input type="checkbox"/> No
Value	Unit		Method of measurement	
Other information:				

## References

material data from 2012-06-19

## Appendices

651200057 2247 U

DIMMER UP

651200298 2247UJGL-214

Dimmer 500 W/VA

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

651200299	6513UJGL-214	Dimmer 420 W/VA
651200305	6513 UCJGL-102-501	Dimmer 420 VA
651300568	6513 U-102	DIMMER PHASENABSCHN. 42
651300586	6513 U-102-500	Dimmer Drehbetätigung
651300587	6591 U-101	Universal-Drehdimmer
651300589	6592 U	Universal-Dimmer Nebenstelle
651500704	2250 U	DIMMER UP 60-600 W
651500838	2250 UJGL-214	Dimmer 60-600 W
651700016	6517 U-101	Schaltdimmer UP 400 W/V
651700017	6517U-101-510	Schaltdimmer 400 W/VA
651700018	6517 U-101-500	Dimmer Drehbetätigung
651900011	6519 U	DIMMER PHASENABSCHN. 55
651900012	6519UCJ-214	Dimmer 550W/VA
652000226	6520 U	Dimmer UP 1000 W/VA
652500555	2210 UJ-214	Dimmer 400 W
655000016	6550	MEM-TASTSTEUERGERAET
656500056	6565 U	Busch-Memory-Seriendimmer
656500059	6565U-214	Busch-Memory-Seriendimmer
659902035	2112 U-101	ELEKTRONIK-POTI EINSATZ
659902814	2112 UJ-214-510	Potentiometer 0-10 V