



<b>Representative product</b>	Preslab Center Point (CAP491250)
<b>Description of the product</b>	Preslab center point (CAP491250) enclosure is used to help in making electrical connections in concrete residential buildings.
<b>Homogeneous Environmental Families Covered</b>	The PEP concerns all the product offerings covering enclosures for integration and electrical connections with PE-HD material.
<b>Functional unit</b>	To reserve space to make the electrical connections into concrete blocks during the life of 30 years.
<b>Company information</b>	Cooper Capri SAS 36-40 rue des Fontenils 41600 Nouan-Le-Fuzelier, France Email: <a href="mailto:productstewardship-es@eaton.com">productstewardship-es@eaton.com</a>

Constituent Materials			
Reference product mass	2.30E-01 kg (with packaging)		
Category PEP Material	Materials	Mass (kg)	Percentage
Plastic	Polyethylene high density (PE-HD)	1.24E-01	53.9%
Others	Cardboard	8.60E-02	37.4%
Plastic	Polyethylene low density (PE-LD)	2.00E-02	8.7%
Others	Paper	1.94E-04	0.1%
Others	Ink	1.23E-05	<0.1%
Others	Glue	1.03E-05	<0.1%
Metal	Silicon	6.41E-06	<0.1%
	Total	2.30E-01	100.00%

## Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) without any exemption and the product doesn't contain any substance listed as Substance-of-Very-High-Concern (SVHC) on the Candidate List of the EU-REACH Regulation (1907/2006/EC).

## Additional Environmental Information

<b>Manufacturing</b>	The reference product is assembled at an Eaton plant holding management system certifications according to ISO9001 & 14001 standards
<b>Distribution</b>	Eaton is committed to minimizing weight and volume of product and packaging with focus to optimize transport efficiency
<b>Installation</b>	The installation of the product requires standard tools which do not require any additional energy source and no waste other than the obsolete product packaging is generated during this step.
<b>Use</b>	The product does not require maintenance during operation.
<b>End of life</b>	Recyclability of product is 70.5% based on the method of the IEC /TR 62635.

## Environmental Impacts

The calculation of the environmental impacts is the result of the Product's Life Cycle Analysis in accordance with ISO 14040/44, covering the entire lifecycle.

System modelling was carried out using the commercial LCA software EIME v5.9.3 with database version CODDE-2022-01.

<b>Manufacturing Phase</b>	The product is manufactured at Cooper Capri SAS plant located in Nouan-Le-Fuzelier, France. <u>Energy model used for product manufacturing:</u> France
<b>Distribution Phase</b>	The shipment of the product contained in its packaging is considered per PCR requirement from the manufacturer's last logistics platform to the installation place. Reference product transported over an average distance of 1000 km by road to serve the French market.
<b>Installation Phase</b>	Product is installed in France. Only treatment of packaging waste is considered in this phase. <u>Energy model used for treatment of packaging:</u> France.
<b>Use Phase</b>	<u>Reference lifetime:</u> 30 Years <u>Usage profile:</u> No energy consumption by the product.
<b>End of life Phase</b>	Product disposed with WEEE guidelines. <u>Energy model used:</u> Europe

## Environmental Impact Indicators: Mandatory

Indicators	Unit	Total	Manufacturing	Distribution	Installation	Use*	End of Life
Global warming (GWP100)	(kg CO <sub>2</sub> eq.)	7.25E-01	6.34E-01	1.62E-02	3.36E-02	0.00E+00	4.12E-02
Ozone layer depletion	kg CFC-11 eq.	4.89E-08	4.86E-08	3.29E-11	1.03E-10	0.00E+00	1.40E-10
Eutrophication	(kg PO <sub>4</sub> <sup>3-</sup> eq.)	2.27E-03	2.02E-03	7.29E-05	9.75E-05	0.00E+00	8.59E-05
Photochemical oxidation	kg ethylene eq.	4.06E-04	3.21E-04	1.67E-05	3.59E-05	0.00E+00	3.20E-05
Abiotic depletion (elements)	(kg antimony eq.)	2.49E-04	2.30E-04	5.18E-06	7.42E-06	0.00E+00	6.27E-06
Abiotic depletion (fossil fuels)	(MJ)	5.00E-08	4.78E-08	6.49E-10	6.89E-10	0.00E+00	8.38E-10
Air pollution	(m <sup>3</sup> )	9.11E+00	8.43E+00	2.28E-01	2.04E-01	0.00E+00	2.45E-01
Water Pollution	(m <sup>3</sup> )	8.40E+01	7.53E+01	2.67E+00	3.12E+00	0.00E+00	2.85E+00
Acidification potential	(kg SO <sub>2</sub> eq.)	5.06E+01	4.78E+01	6.65E-01	9.43E-01	0.00E+00	1.15E+00

\*The Resource consumption is zero during use phase. Hence, All sub modules in the use stage (B1-B7) are equal to zero. So, it is not listed in the table.

## Environmental Impact Indicators: Optional

Indicators	unit	Total	Manufacturing	Distribution	Installation	Use*	End of Life
Total Primary Energy	MJ	1.37E+01	1.30E+01	2.29E-01	2.08E-01	0.00E+00	2.51E-01
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	1.07E+00	1.07E+00	3.06E-04	7.17E-04	0.00E+00	1.36E-03
Use of renewable primary energy resources used as raw materials	MJ	2.21E+00	2.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	1.14E+00	1.14E+00	3.06E-04	7.17E-04	0.00E+00	1.36E-03
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	5.93E+00	5.24E+00	2.29E-01	2.07E-01	0.00E+00	2.50E-01
Use of non-renewable primary energy resources used as raw materials	MJ	6.66E+00	6.66E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	1.26E+01	1.19E+01	2.29E-01	2.07E-01	0.00E+00	2.50E-01
Use of secondary materials	kg	6.33E-06	6.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Net use of fresh water	m3	5.52E-01	5.51E-01	1.45E-06	5.26E-05	0.00E+00	5.11E-05
Hazardous waste disposed of	kg	8.25E-03	8.23E-03	0.00E+00	1.05E-05	0.00E+00	1.70E-05
Non-hazardous waste disposed of	kg	3.34E+00	3.27E+00	5.76E-04	2.77E-02	0.00E+00	4.10E-02
Radioactive waste disposed of	kg	8.61E-04	8.58E-04	4.10E-07	1.08E-06	0.00E+00	1.75E-06
Materials for recycling	kg	2.05E-01	3.72E-02	0.00E+00	8.07E-02	0.00E+00	8.74E-02

\*The Resource consumption is zero during use phase. Hence, All sub modules in the use stage (B1-B7) are equal to zero. So, it is not listed in the table.

Impacts for other products covered in homogeneous family for Manufacturing, Distribution, Installation & End-of-Life are proportion to the weight of the product. No impacts during use phase.

To evaluate the environmental impact of other product covered by this PEP, multiply the impact figures by –


**Factors for Manufacturing, Distribution, Installation and End-of-Life Phase:**

Part number	Total mass(g)	Extrapolation factor for Manufacturing, Distribution, Installation & End-of-Life	Extrapolation rule for use Phase
CAP491250	230.22	1	1
CAP492200	170.51	0.74	1
CAP492210	170.51	0.74	1
CAP492220	194.61	0.85	1
CAP854500	114.83	0.50	1
CAP854574	104.28	0.45	1
CAP850065	131.38	0.57	1
CAP856500	133.20	0.58	1
CAP856537	124.64	0.54	1
CAP856574	122.64	0.53	1
CAP857500	184.63	0.80	1
CAP857537	134.03	0.58	1
CAP857574	132.02	0.57	1
CAP850085	149.38	0.65	1
CAP858500	151.20	0.66	1
CAP858537	142.65	0.62	1
CAP858574	140.65	0.61	1
CAP850055	122.13	0.53	1
CAP855500	123.95	0.54	1
CAP855537	115.40	0.50	1
CAP855574	113.40	0.49	1
CAP491070	48.27	0.21	1
CAP491200	226.51	0.98	1
CAP491201	94.32	0.41	1
CAP491264	226.51	0.98	1
CAP491230	92.83	0.40	1
CAP491251	230.22	1.00	1
CAP491259	234.00	1.02	1
CAP491500	152.24	0.66	1
CAP491950	122.91	0.53	1
CAP491959	113.03	0.49	1
CAP491980	96.36	0.42	1
CAP491989	89.01	0.39	1
CAP492100	110.79	0.48	1
CAP492120	118.49	0.51	1
CAP493100	32.32	0.14	1

Part number	Total mass(g)	Extrapolation factor for Manufacturing, Distribution, Installation & End-of-Life	Extrapolation rule for use Phase
CAP493109	28.00	0.12	1
CAP493155	12.32	0.05	1
CAP493180	35.46	0.15	1
CAP493369	79.70	0.35	1
CAP493639	111.40	0.48	1
CAP493680	37.28	0.16	1
CAP493739	127.54	0.55	1
CAP493800	126.57	0.55	1
CAP495229	114.55	0.50	1
CAP495609	180.76	0.79	1
CAP710070	290.69	1.26	1
CAP710071	274.78	1.19	1
CAP710128	133.12	0.58	1
CAP759910	53.38	0.23	1
CAP759911	52.58	0.23	1
CAP759915	53.42	0.23	1
CAP759916	52.02	0.23	1
CAP759920	50.80	0.22	1
CAP853010	17.45	0.08	1
CAP853270	30.23	0.13	1
CAP855000	62.36	0.27	1
CAP856060	22.71	0.10	1
CAP856669	614.92	2.67	1
CAP857669	213.70	0.93	1
CAP859320	67.75	0.29	1
CAP859630	96.73	0.42	1
CAP859900	60.60	0.26	1
CAP859905	56.25	0.24	1
CAP959911	157.03	0.68	1
CAP959912	157.03	0.68	1
CAP959916	153.47	0.67	1
CAP959917	156.70	0.68	1
CAP959921	151.37	0.66	1
CAP959922	151.37	0.66	1
CAP959927	168.79	0.73	1
CAP959932	169.88	0.74	1
CAP959937	162.96	0.71	1
CAP959945	159.37	0.69	1

## Disclaimer

This Product Environmental Profile and its content is based on information available to us. It refers to the product at the date of issue. We make no express or implied representations or warranties with respect to the information contained herein.

<i>Registration N°</i>	EATO-00040-V01.01-EN	<i>Drafting rules</i>	PCR-ed3-EN-2015 04 02
<i>Verifier accreditation N°</i>	VH32		
<i>Date of issue</i>	05-2022	<i>Information and reference documents</i>	<a href="http://www.pep-ecopassport.org">www.pep-ecopassport.org</a>
		<i>Validity period</i>	5 years
Independent verification of the declaration and data, in compliance with ISO 14025: 2010			
Internal		External	X
The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN)			
<i>The elements of the present PEP cannot be compared with elements from another program.</i>			
<i>Document in compliance with ISO 14025: 2010 « Environmental labels and declarations. Type III environmental declarations »</i>			