Byggvarubedömningen's guidelines and information requirements for assessment of products, Version 2024-1.

These guidelines describe what information Byggvarubedömningen requires for assessment of articles and chemical products. Information about the article or chemical product can be provided in this document, alternatively refer to another documentation in which the corresponding information is given. For certain types of articles and chemical products additional information may be requested.

1. Product information

Product

Product name:	Essensse Neo EC - VCES4***V2EC	
Article No.: *Specify the type of number, e.g. RSK, E-number, EAN, GTIN or supplier's article number. This should also be stated on the application.*	*VCES4B100V2EC* *VCES4B150V2EC* *VCES4B200V2EC* *VCES4B250V2EC*	
Product description: *Upon application, please attach a products data sheet, or similar.*	The ESSENSSSE NEO air curtain provides reliable protection against drafts and other undesirable airborne substances such as dust and insects. Its versatility enables use in all possible applications. It has a unique outlet with STRAW SYSTEM technology and integrated control AirGENIO, providing control options to maximise air curtain efficiency and reduce energy usage. The air curtain can be used both in a small shop or shopping centre, restaurant or office building. Recommended installation height is 3m.	
Type of product:	☐ Chemical product	☒ Article
Date (year, month, day) of preparation/revision:	2025-10-24	

Supplier/Manufacturer

Supplier:	EVECO Handel AB
Manufacturer, if other than the supplier: *Voluntary information*	2VV s.r.o.
Contact person:	Ola Lindstrand
Address:	Metangatan 3, 431 53 MÖLNDAL
E-mail:	ola.lindstrand@eveco.se
Phone number:	+4631840850

Supporting documentation

Has a declaration of performance in line with the European Construction Products Regulation (EU) no 305/2011, been prepared for the product?	☐ Yes	☒ No
If *yes,* attach the declaration of performance with the application.		
Is the article/product an electronic product and covered by the RoHS-directive (according to the version valid at the time of application)?	☒ Yes	☐ No
If *yes,* attach an "EU Declaration of Conformity", or alternatively another certificate that attests that the product corresponds to the requirements according to the latest version of the RoHS-directive, together with the application.		
If the article/product is an electronic product that is covered by an exemption according to the RoHS-directive, specify which exemption and date (year, month, day) when the exemption expires if time-limited:	Exemptions according to RoHS: Date:	

2. Declaration of contents:

Please specify the full content of the article or the chemical product, *on delivery*, in Table 1, or alternatively attach other documentation that provides the corresponding information. For instructions, please refer to the "Reporting requirements for chemical content, 2024-1", which is found at the end of this document.

Table 1. Contents of included substances and material (declaration of content in accordance with the Reporting requirements).

Included substances and materials	EC-/ CAS-number *(alternatively, alloy number)*	Weight % *(of the entire product)*	*When applicable,* state for which subcomponent	Weight% *(of substance in subcomponent)*	Comments *(state any application of non-harmonized classifications)*
Casing	**EN10346 DX51D (Z 275 MAX)**	**78,4%**			**In according to standard EN10346**
Polyester Powder coating (CPC 20)	**28472-89-1**	**<0,1%**			**Material according to the criteria for the classification (in accordance with CLP-EU GHS, no.**

					1272/2008) is not classified as dangerous// No substance (SVHC) exceeding the concentration limits in weight. Accord. to and 2015/863/EU - performed 09/2024
Fasteners		**1,3%**			
	AISI 316 - EN1.4401	**1,3%**			
Wiring		**1,5%**			
	Polydimethylsiloxane: 63148-62-9	0,5%			No additives
	Cu: 7440-50-8	1%			
Water coil		**6%**			Standard ref.: EN 10346/EN 573-3; EN 683-2/EN 12735
	Cu: 7440-50-8	3%			
	EN AW 8011	1,3%			
	FeZn: DX51D + Z200MAC (7440-66-6)	1,7%			
Outlet grille		**1,5%**			
Polycarbonate (MAKROLON 2805 901510)	25037-45-0			100%	The substance/mixture does not contain components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at a concentration of 0.1% or higher.
Fan		**9,8 %**			
	Electronic	<0,1%			No substance (SVHC) exceedingly the concentration limits in weight. Accord. to and 2015/863/EU
	Nylon 66 (PA66), CAS number 32131-17-2	<0,15%			No additives
	Silicone: 63148-62-9	<0,1%			No additives

	Fe: AISI 316 EN1.4401	4,2%			No additives
	Al: EN AW-6061	2%			
	Cu: 7440-50-8	1,5%			
	Steel: AISI 316	1,5%			
Fuse		**0,2%**			
Glass Tube		0,1%			No additives
	Silicon dioxide: 7631-86-9			*24%*	
	Boron oxide: 1303-86-2			*18%*	
	Sodium oxide: 1313-59-3			*18%*	
	Potassium oxide: 12136-45-7			*18%*	
	Aluminum oxide: 1344-28-1			*22%*	
Fuse Wire		0,08%			No additives
	Copper: 7440-50-8			*55%*	
	Silver: 7440-22-4			*45%*	
End Caps		0,02%			No additives
	Brass (CuZn40Bi)			*26,5%*	
	Cu			*58-60%*	Brass
	Bi			*1,4-1,6%*	Brass
	Fe			*≤ 0.3%*	Brass
	Sn			*≤ 0.3%*	Brass
	Ni			*≤ 0.3%*	Brass
	Zn			*< 100%*	Brass
	Nickel plating: 7440-02-0			*8,5%*	
Electronic		**1%**			

If any deviations from Byggvarubedömningens Reporting requirements exist, specify these in the comments in Table 1, or alternatively here.	Other comments:

Is the chemical composition different, for the product when applied (cured product) compared to the content at delivery? (Only for chemical products)	☐ Yes	☐ No
If *yes*, specify the content of the cured product in Table 2.		

Table 2. Contents for the applied product (full content in accordance with the Reporting requirements)

Included substances and materials	EC-/ CAS-number	Weight% *(of the applied product)*	Comments *(state any application of*

			non-harmonized classifications)

If any deviations from Byggvarubedömningens Reporting requirements exist, specify these in the comments in Table 1, or alternatively here.	**Other comments:**

Does the product or any of its subcomponents contain substances with particularly hazardous properties (Substances of Very High Concern, SVHC-substances), which are included in the Candidate List at a concentration >0.1 weight%?	☒ Yes	☐ No
If *yes,* specify these substances in Table 1 together with the rest of the content of the product.		
State the date (year, month, day) for control of the Candidate List.	Date: 2025-10-24	
The concentration is calculated at component level established on the principle "once a product, always a product". The Candidate List is available at: http://echa.europa.eu/sv/candidate-list-table .		

Nanomaterials

Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?	☐ Yes	☒ No
If *yes,* specify the material.	Material:	
If *yes,* specify the weight% of the entire product.	Weight%:	

Per- and polyfluoroalkyl substances (PFAS)

Does the product contain any per- and polyfluoroalkyl substances (PFAS) that has been purposefully added to achieve a specific function?	☐ Yes	☒ No
If *yes,* specify the material.	Material:	

If *yes,* specify the weight% of the entire product.	Weight%:

3. Recycled raw material

Does the product contain recycled material?	☒ Yes	☐ No
If *yes*, specify in Table 3.		

If the product consists of recycled materials specify the material and the percentages of the total weight of the product, in *Table 3*, Recycled materials.

Table 3. Recycled material.

Material	Percentage (%) *Recycled material of the total product's weight*	Percentage (%) *of the recycled material that has not reached the consumer level, such as production waste, etc. (pre-consumer)*	Percentage (%) *of the recycled material that has reached the consumer level (post-consumer)*	Comments
Metal (EN10346 DX51D (Z 275 MAX)	78,4%	100%	N/A	
Stainless steel - AISI 316 EN1.4401	7%	100%	N/A	
FeZn Galvanized steel - Z200MAC	1,7%	100%	N/A	
EN AW 8011 (Aluminium alloy)	1,3%	100%	N/A	
EN AW-6061 (Aluminium alloy)	2%	100%	N/A	
Cu	4,5%	100%		
Wiring , electronics	2,2%	100%	N/A	
Polycarbonate (MAKROLON 2805 901510)	1,2%	100%	N/A	
Nylon 66 (PA66)	0,15%	100%	N/A	

If wood raw material is included

Can the product be ordered with sustainability certificates for the wood raw material?	☐ Yes	☐ No
If *yes:* Specify the percentage of wood raw material that is certified, what system has been used (e.g. FSC or PEFC) and give the license number for the certification. Attach the certificate together with the application.		

If *no:* Has wood raw material from documented sustainable forestry been used in the production of the product? If so, please indicate how much of the included wood raw material used that comes from documented sustainable forestry: Attach certificates from all subcontractors together with the application.		
If sustainability certificates are missing, state the harvesting country for wood raw material:		
Is the wood species or origin in the CITES appendix for endangered species?	☐ Yes	☐ No

4. The production phase

Has an Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 (or equivalent for other product groups) been prepared?	☐ Yes	☒ No
Has another type of environmental product declaration been prepared?	☐ Yes	☒ No
If *yes*, enclose the EPD (Environmental Product Declaration) or any other environmental product declaration together with the application.		
Has an active choice been made, regarding the electricity supplier, to promote electricity production from renewable energy sources?	☒ Yes	☐ No
If *yes*, describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied (start and end date), electricity supplier, and for which part of the production it is valid for: Electric - : supplier - Smart Energies Expert s. r. o., agreement (start date 1 June 2024, validity - indefinite terme, notice period 1 month, price SPOT - Percentage of purchased electricity from renewable sources – 6,4 %(hydroelectric facility+ wind power plants+ solar facility+biomass// Percentage of purchased electricity from nuclear sources – 43%//		

5. Distribution of the completed product

Describe the management of packaging for the distribution of the product: *Specify the packaging material used and which system of producer responsibility for packaging the supplier is affiliated to.* *Enter the proportion of recycled material, if any, included in the packaging.*	Description of the packaging: 2VV is affiliated with EKO-KOM in Czech republic. This is equivalent to swedish REPA and both are the members of the PRO EUROPE. PRO EUROPE is an international umbrella organisation for national member systems for the recovery and recycling of packaging waste in Europe. All these systems use the Green Dot mark as a symbol of financing packaging waste recycling. (Wood, Carboard)
Other information:	

6. Construction and usage phase

Are there any special requirements such as storage conditions etc. for the product during storage?	☐ Yes	☒ No	
If *yes*, describe:			
Are there any special requirements for adjacent building products because of this product?	☐ Yes	☒ No	
If *yes*, describe:			
Are there any operating/care instructions for the product?	☒ Yes	☐ No	
If *yes,* attach the documentation with the application.			
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	☐ Yes	☐ No	☒ Not relevant
If *yes,* state class (G to A, A+, A++, A+++):	Class:		

7. Waste management

Does the product require special measures to protect health and the environment in conjunction with demolition/dismantling?	☐ Yes	☒ No
If *yes,* describe:		
Is the product covered by the WEEE-directive 2012/19/EU (Swedish ordinance (2014:1075) on Producer Responsibility for electrical and electronic products when it becomes waste?	☒ Yes	☐ No

Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)?	☒ Yes	☐ No
If *yes,* describe: All parts can be re-useble.		
Is material recycling possible for all or parts of the product when it becomes waste?	☒ Yes	☐ No
If *yes,* describe:		
Is energy recycling possible for all or parts of the product when it becomes waste?	☐ Yes	☒ No
Does the supplier have any restrictions and recommendations for reuse, material- or energy recycling or disposal?	☐ Yes	☒ No
If *yes*, specify which:		
When the supplied product becomes waste, is it classified as hazardous waste?	☐ Yes	☒ No
If *yes,* specify the waste code: The Swedish waste ordinance (2011:927) https://www.notisum.se/rnp/sls/lag/20110927.htm	Waste code:	

8. Indoor environment

Has the product a critical moisture condition: *Information regarding whether critical moisture conditions leading to microbial growth apply for the material/product should be stated but will not impact the assessment.*	☐ Yes	☒ No
If *Yes,* specify which:		
Is the article (or chemical product) intended for indoor use?	☒ Yes	☐ No
If *yes*, has emission data been produced for volatile organic compounds?	☐ Yes	☒ No
If *yes*, attach the report/certificate together with the application.		
If *no*, is there any motivation for why emission data for volatile organic compounds is not relevant for the product?	Motivation: The product does not contain any volatile organic compounds and therefore it is not necessary to measure an emission.	