

Byggsvarubedomningen's guideline and information requirements for assessment of product, Version 2016-1.

These guidelines describe what information that Byggsvarubedomningen 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.

1. Product information

Product

Product name:	REHAU RAUPIANO PLUS, pipes and fittings	
Article No.: <i>Specify the type of number, for example RSK, E number, EAN, GTIN or supplier's article number. This should also be stated on the application.</i>	(Separate numbers with ;) See attachment	
Product description: <i>On application, please attach a product data sheet or similar documentation.</i>	Pipe system for wastewater removal in the building, made of heavily filled polypropylene with noise reduction property. BSAB code: PNU.5223 / BK04 code:20509	
Type of product:	☐ Chemical product	☒ Article
Date (year, month, day) of preparation/revision:	2016-12-13 Rev_B	

Supplier/Manufacturer

Supplier:	REHAU AB
Manufacturer if other than the supplier: <i>Voluntary information</i>	not applicable
Supplier contact:	Sales Office Örebro
Address:	Box 1202, 70112 Örebro
E-mail:	info-orebro@rehau.com
Phone number:	+4619-206400

Supporting documentation

Has a declaration of performance, in line with the Swedish Construction Products Regulation, been prepared for the product?	☐ Yes	☒ No
<i>If yes, attach the declaration of performance with the application</i>		
Is the article/product an electronic product and covered by the RoHS-directive (2011/65/EU)?	☐ Yes	☒ No
<i>If yes, attach an "EU Declaration of Conformity", or alternatively another certificate that attests that the product corresponds to the requirements according to the RoHS-directive (2011/65/EU), together with the application</i>		
If the article/product is an electronic product that is covered by an exemption according to RoHS-directive (2011/65/EU), specify which exemption and date (year, month, day) when the exemption expires if time-limited:	Exemptions according to RoHS: not applicable Date:	

2. Declaration of contents:

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

Specify the total 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 "Declaration of contents, BVB's declaration requirements, 2016-1", which is found at the end of this document.

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

Included substances and material	EG No./CAS No. (alternatively alloy)	Weight% (of entire product)	When applicable, state for which subcomponent	Weight% (of substance in subcomponent)	Comments (state eventual application of non-harmonized classifications)
polypropylene (PP)	9003-07-0	30 – 40 %			exact quantity
mineral filler		60 – 70 %			varying over different sizes of pipes and fittings
- barium sulfate (barite)					
- calcium carbonate (chalk)					
rubber sealing ring		≈ 3 %			
- styrene-butadiene-rubber (SBR)					

Are all substances reported in percentages down to 0.01% in Table 1? (enable assessment with regard to the Recommended level)	☐ Yes	☒ No
If not, does the report fulfill the instructions for the Accepted level, which is described in "Declaration of contents, BVB's declaration requirements, 2016-1", which is found at the end of this document	☒ Yes	☐ No
If any deviations from BVB's reporting requirements exist, specify these in the comments in Table 1, or alternatively here.	Other comments: none	

If the chemical composition differs after application, then the content of the applied product is given in Table 2. This applies to chemical products. If the content is unchanged, no information needs to be provided in the table.

Table 2, Contents for applied products (full content in accordance with declaration requirements)

Included substances and material	EG No./CAS No.	Weight% (of the applied product)	Comments (state any application of non-harmonized classifications)
not applicable			
If any deviations from BVB's reporting requirements exist, specify these in the comments in Table 2, or alternatively here.	Other comments:		

Nanomaterial

Does the product contain any nanomaterial that has been purposefully added to achieve a specific function? <i>Information regarding whether nanomaterial has been added to achieve a specific function must be stated, but has no impact on the assessment.</i>	☐ Yes	☒ No
If yes, specify the material.	Material:	

3. Recycled raw material

Does the product contain recycled material?	☐ Yes	☒ No
If yes, fill 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 (%) 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
not applicable				

If wood raw material is included

Can the product be ordered with sustainability certificates for the wood raw material? <i>E.g.: FSC and PEFC</i>	☐ Yes	☐ No
Explain if the certificate does not cover all of the wood raw material:		
If yes, attach a certificate/assurance that the product can be ordered with a sustainability certificate together with the application.		
If no, state the country where the wood raw material was harvested.	Country of harvest:	
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) been prepared?	☒ Yes	☐ No
If yes, enclose the EPD (Environmental Product Declaration) or other environmental product declaration together with the application.		

5. Distribution of the completed product

Describe the management of packaging for the distribution of the product <i>State whether any system for taking back or recycling packaging or any other specific return system is used.</i> <i>Specify the packaging material used and which system of producer responsibility for packaging the supplier is affiliated to.</i>	Description of the packaging: - products are packed in wooden frame crates (light weight packaging made of wood, steel straps, nails, foil) or cardboard boxes - packaging is for single use - no special returning system implemented - cardboard boxes in parts consist of recycled paper,
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Enter the proportion of recycled material, if any, included in the packaging.	proportion is not known - packaging can be completely recycled or can be energy recovered
Other information:	

6. Construction and usage phase

Are there any special requirements such as storage conditions etc. for the product during storage?	☒ Yes	☐ No	
<i>If yes, describe:</i> E.g. protect from UV radiation from sunlight; keep cardboard boxes dry. Detailed information can be taken from the REHAU Technical Information.			
Are there any special requirements for adjacent building products because of this product?	☐ Yes	☒ No	
<i>If yes, describe:</i>			
Are there any operating/care instructions for the product?	☒ Yes	☐ No	
<i>If yes, attach the documentation with the application.</i>			
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	☐ Yes	☐ No	☒ Not relevant
<i>If yes, state class (G to A, A+, A++, A+++):</i>	Class:		

7. Waste management

Does the product require special measures to protect health and the environment in conjunction with demolition/dismantling?	☐ Yes	☒ No
<i>If yes, describe:</i>		
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
<i>If yes, describe:</i>		
Is material recycling possible for all or parts of the product when it becomes waste?	☒ Yes	☐ No
<i>If yes, describe:</i> Polypropylene pipe and fitting material can be fully recycled mechanically and then be used for the production of the same or other products.		
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
<i>If yes, specify which:</i>		
When the supplied product becomes waste, is it classified as hazardous waste?	☐ Yes	☒ No
<i>If yes, specify the waste code:</i> The Swedish waste ordinance (2011:927)	Waste code:	

<https://www.notisum.se/rnp/sls/lag/20110927.htm>

8. Indoor environment

Has the product a critical moisture condition: <i>Information regarding whether critical moisture conditions leading to microbial growth apply for the material/product should be stated, but will not impact the assessment.</i>	☐ Yes	☒ No
<i>If yes, specify which:</i>		
Is the product intended for use indoors?	☐ Yes	☒ No
<i>If yes, has emission data been produced for volatile organic compounds?</i>	☐ Yes	☐ No
<i>If yes, attach the report/certificate together with the application.</i>		
<i>If no, is there any motivation for why emission data for volatile organic compounds is not relevant for the product?</i>	Motivation:	
Is the product a chemical product intended for indoor use?	☐ Yes	☒ No
<i>If yes, has emission data been produced for volatile organic compounds?</i>	☐ Yes	☐ No
<i>If yes, attach the report/certificate together with the application.</i>		
<i>If no, is there any motivation for why emission data for volatile organic compounds is not relevant for the product?</i>	Motivation:	