

Positive list. May 2023.
Saphira Eco.



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1. Saphira Eco consumables

For enhanced environmental protection

Saphira® Eco is an extensive product line of eco-friendly consumables for the entire printing process. All products bearing the Saphira Eco label are carefully selected based on green criteria and meet or even exceed current environmental requirements. It goes without saying that these products also ensure stable high-quality production in keeping with the exacting Heidelberg® standard.

The right product for every application

Saphira Eco consumables are available for pre-press, press, and postpress in the usual approved quality, from a single source, and at a fair price. What's more, Heidelberg is continuously expanding its product portfolio of eco-friendly materials.

Saphira Eco products are not necessarily suitable for migration-free printing of food packaging. Specific regulations and directives apply to such packaging.

An environmental commitment

Saphira Eco products are made from renewable raw materials and/or can be recycled. Materials defined as CMR*, PBT*, or vPvB* under the REACH regulation are not used as raw materials in Saphira Eco products. With the Saphira Eco label, print shops can be sure of lower emissions than with most comparable products. All manufacturers included in the production chain are certified to ISO 9001/14001.

Major benefits

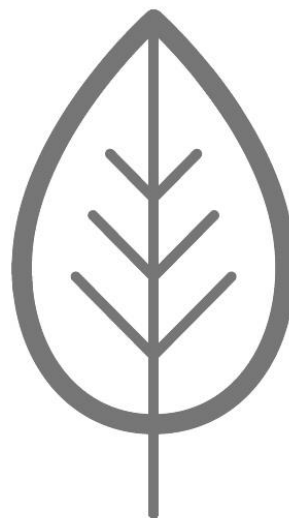
Saphira Eco consumables play a key role in meeting the requirements of the most popular environmental certificates. In addition to its environmental benefits – such as reducing emissions of volatile organic compounds (VOCs), ammonia, and fine dust – Saphira Eco also uses fewer chemicals, generates less waste water, and results in lower energy consumption.

Available worldwide

Saphira Eco consumables are very easy to obtain via one of the 250 Heidelberg sales offices around the world. In many countries, orders can even be placed 24/7 through the Heidelberg Online Shop at shop.heidelberg.com.

Saphira experts from Heidelberg are always happy to answer any questions you may have. Further information is also available at:

heidelberg.com/saphira-eco.



* Please see glossary in the Catalog of Criteria for Saphira Eco consumables.

2. Positive list publisher

The positive list for Saphira Eco consumables is published by Heidelberger Druckmaschinen AG. It is drawn up and updated by a team of experts tasked with analyzing, evaluating, and approving consumables and adding them to the positive list. This work is supported by experts from the entire Heidelberg organization and our main suppliers, with the process being based on the catalog of criteria for Saphira Eco consumables.



3. Positive list for Saphira Eco consumables

The positive list of Heidelberger Druckmaschinen AG for Saphira Eco consumables offers an up-to-date overview of approved Saphira Eco consumables.

The positive list should be viewed as an open list. This means that new or previously unlisted consumables can be included as Saphira Eco products in the positive list following successful analysis and in line with an updating process. A Saphira Eco consumable can also be removed from the positive list as a result of new findings or non-fulfillment of Saphira Eco criteria. If this does not involve detection of an immediate risk, this change will be assigned appropriate transitional periods.

Saphira Eco consumables...

- ...meet the strict criteria of Heidelberger Druckmaschinen AG for Saphira Eco consumables.
- ...are only approved by Heidelberger Druckmaschinen AG.
- ...are only available via the established Heidelberg sales organizations.

3.1 Instruction for use

The positive list for Saphira Eco consumables is only available as a PDF document and can be downloaded at [heidelberg.com/saphira-eco](https://www.heidelberg.com/saphira-eco).

3.1.1 Notes regarding the tables

Terms and definitions	
Date of change/ new inclusion:	The date specified defines the point in time when the product was approved as a Saphira Eco consumable and the associated inclusion in the positive list.
Product designation:	The product designation refers to the relevant Saphira Eco consumable.
Region:	The region provides information on the availability of the specified Saphira Eco consumable. EU stands for Europe, AP for Asia/Pacific and AM for Americas.
Note:	The note gives additional information on the relevant consumable.

Saphira Eco consumables on the positive list are divided into product groups.

3.2 List of Saphira Eco consumables

3.2.1 CtP offset plates

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
04/2021	Saphira Thermal Plate NA200	x	x	x	Reduced-chemical plate
04/2021	Saphira Thermal Plate Chemfree 101	x	x	x	Chemical-free plate
04/2021	Saphira Thermal Plate ND200	x	x		Process free plate
04/2021	Saphira Thermal Plate FND310	x	x		Process free plate

3.2.2 Inks

3.2.2.1 Conventional inks

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
04/2021	Saphira Ink Bio Speed	x	x	x	Process ink
04/2021	Saphira Ink Perfect Board	x	x	x	Process ink
04/2021	Saphira Ink Excel 110	x	x	x	Process ink
04/2021	Saphira Ink Perfect Board 110	x	x	x	Process ink
04/2021	Saphira Ink Universal Fresh 100	x			Process ink
04/2021	Saphira Ink Premium 200	x			Process ink
04/2021	Saphira Ink Low Tack 200	x			Process ink
04/2021	Saphira Ink Low Tack 210	x			Process ink
04/2021	Saphira Ink Perfect Board 210	x			Process ink
04/2021	Saphira Ink Ultimate 200	x			Process ink
04/2021	Saphira Ink Universal 500		x		Process ink

05/2021	Saphira Ink Bio Speed 400	x	x	x	Process ink
05/2021	Saphira Ink Excel 400	x	x	x	Process ink
05/2021	Saphira Ink Perfect Board 400	x	x	x	Process ink
02/2022	Saphira Ink Excel	x	x	x	Process ink
02/2022	Saphira Ink Universal Bio	x	x	x	Process ink
02/2022	Saphira Ink Ultimate 100	x	x	x	Process ink
02/2022	Saphira Ink Anicolor S100	x	x	x	Process ink
02/2022	Saphira Ink Anicolor H100	x	x	x	Process ink
03/2022	Saphira Ink CF650	x			Process ink
05/2023	Saphira Ink Jazz 110			x	Process ink
05/2023	Saphira Classic Speed 110	x	x	x	Process ink
05/2023	Saphira Ink Oxy Dry 110	x	x	x	Process ink
05/2023	Saphira Ink Bio Speed 100	x	x	x	Process ink

3.2.3 Coatings

3.2.3.1 Oil-based varnishes

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
	Several products in this category are currently under review				

3.2.3.2 Water-based coatings

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
03/2021	Saphira Coating W8310	x			Under review for further markets outside of Europe
03/2021	Saphira Coating W8320	x			
03/2021	Saphira Coating W8335	x			
03/2021	Saphira Coating W8345	x			
03/2021	Saphira Coating W8365	x			
03/2021	Saphira Coating W8375	x			
03/2021	Saphira Coating W8383	x			

3.2.4 Fountain solution additives

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
01/2021	Saphira Fount 550 AR Pure	X	X	X	

3.2.5 Washes

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
01/2021	Saphira Wash 522 NV	X	X	X	

3.2.6 Cleaners

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
	Several products in this category are currently under review				

3.2.7 Spray powders

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
04/2021	Saphira Powder Pro 100-20	X	X	X	
04/2021	Saphira Powder Pro 100-35	X	X	X	

3.2.8 Glues

3.2.8.1 Dispersion glues

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
04/2021	Saphira Binding Glue PUR 330 NE	x	x	x	
04/2021	Saphira Dispersion Glue FCG 1000N	x	x	x	
04/2021	Saphira Dispersion Glue GCG 6500D	x	x	x	

3.2.9 Blankets

Date of change/ new inclusion	Product designation	Region			Note
		EU	AM	AP	
04/2021	Saphira Blanket Pro 200	X	X	X	

4. Other information

4.1 Safety information

Saphira Eco consumables included in the positive list meet the Saphira Eco criteria of Heidelberger Druckmaschinen AG. Consumables must be handled / used in accordance with the instructions of the manufacturer/organization placing them on the market and the safety data sheet.

4.2 Inclusion in the positive list

Only consumables that comply with the catalog of Saphira Eco criteria of Heidelberger Druckmaschinen AG are added to the positive list. For further information, please contact Heidelberger Druckmaschinen AG.

4.2.1 Process description

1. Decentralized preselection of new Eco consumables

Decentralized preselection of potential Saphira Eco products takes place at the various Heidelberg sales offices. Materials must be selected in line with the catalog of criteria for Saphira Eco consumables and using the general and product-specific Eco criteria.

2. Obtaining manufacturer's declaration of conformity

As well as submitting to internal checking by Heidelberg, the manufacturer of the relevant product must provide a declaration of conformity in writing.

3. Making product available

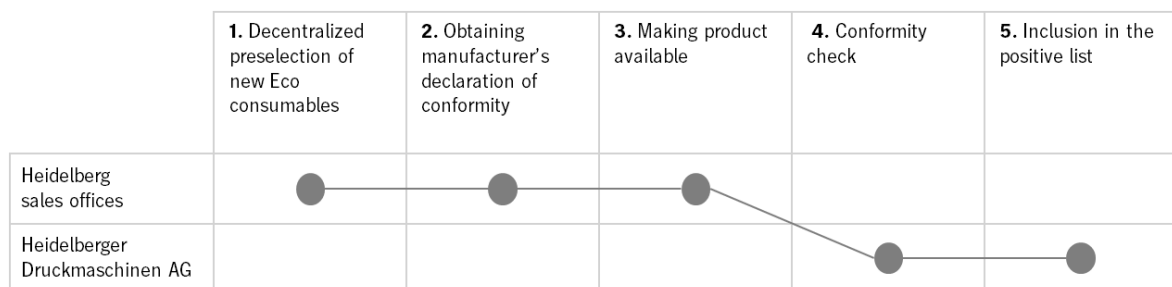
If the product passes this first check successfully, the next step is for the Heidelberg sales office to ensure the availability of materials. This also includes applying/adapting the label, technical data sheet, and safety data sheet.

4. Conformity check by Heidelberger Druckmaschinen AG

The information required must be sent to Product Management Consumables at Heidelberger Druckmaschinen AG. It is used for a final conformity check of the documentation by Heidelberger Druckmaschinen AG.

5. Inclusion in the positive list

On successful completion of the final conformity check, Heidelberg approves the product and it is added to the positive list for Saphira Eco consumables.



Publishing information

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