

Safety Data Sheet according to Regulation (EU) No. 453/2010

Editor: Hahnemühle FineArt GmbH

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Revision: 00

1. Identification of the substance/preparation and of the company/undertaking**1.1 Product information**

Trade name: Hahnemühle Varnish Satin

Reference no.: 10640735

1.2 Product description

Liquid sealer for protecting, preserving and enhancing fine art and photographic canvas inkjet prints.

1.3 Company

Hahnemühle FineArt GmbH

Hahnestr. 5

37586 Dassel

Telephone: int+49 (0) 5561-791-235

Telefax: int+49 (0) 5561-791-377

E-Mail: dfa@hahnemuehle.de

1.4 Emergency information

GIZ-Nord Göttingen (Toxicological centre)

Telephone: +49 (0) 551-19240 or +49 (0) 551-383180

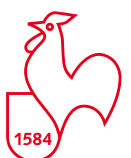
2. Hazards identification

- Attention -

P102 – Keep out of reach of children**P262** – Do not get in eyes, on skin, or on clothing**P264** – Wash hands thoroughly after handling**P333+P313** – If skin irritation or rash occurs: Get medical advice/ attention**H302** – Harmful if swallowed**H317** – May cause an allergic skin reaction**H335** – May cause respiratory irritation

The Hahnemühle Varnish Satin has not been tested for health effects due to exposure. The potential or anticipated health effects are assumed to be the same as those determined for the components that represent greater than 1% of the mass of the formulation.

Skin Contact: May cause irritation, based upon testing of similar materials.



3. Composition/Information on ingredients**3.1 Chemical nature**

The exact chemical composition of Hahnemühle Varnish Satin is a trade secret.

Weight %	Components
58-65	Water
30-35	Acrylic copolymer
6-9	Proprietary ingredients

* Ingredients not precisely identified are either proprietary or non-hazardous

4. First aid measures**4.1 Skin contact**

Wash thoroughly with soap and water. Seek medical attention if symptoms occur.

4.2 Inhalation

Move to fresh air and seek medical attention if symptoms occur. If breathing is difficult, give oxygen. Please note; symptoms may be delayed; prompt medical attention may be required. Call a physician.

4.3 Eye Contact

Avoid contact with eyes. Flush eyes thoroughly with water for 15 minutes and seek medical attention if symptoms occur.

4.3 Ingestion

Do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

5. Fire-fighting measures

5.1 In case of fire use water, multipurpose foam, dry chemical or carbon dioxide.

5.2 Further information

Burning may produce toxic vapours including carbon monoxide. The residual material and/or product container may support combustion. A self-contained breathing apparatus and protective clothing must be worn in fighting fires involving chemicals.

6. Accidental release measures**6.1 Steps To Be Taken In Case Material Is Spilled Or Released**

Absorb material with sawdust or other inert powder or medium and dispose of in accordance with all federal, state and local regulations. As a precautionary, avoid contact with eyes, skin and clothing.

7. Handling and storage**7.1 Handling**

Keep container closed when not in use. Store container away from extreme heat sources. Store at temperatures between 40F-110F (4°C - 44°C). Store away from oxidizing agents, sources of sparks and heat, and direct sunlight or rain. Keep from freezing. Warm (up to 100F / 38°C) and agitate contents before use.



8. Exposure controls / personal protection**8.1 Respiratory Protection**

If sprayed, wear an organic vapour mist respirator. Provide adequate general dilution and/or local exhaust ventilation to maintain contaminants below the established exposure limits.

8.2 Ventilation

It is recommended that ventilation be used if sprayed in order to minimize employee exposure. Use local exhaust to control vapours/mists.

8.3 Personal Protective Equipment

It is recommended that protective gloves, coveralls, and safety glasses be used in order to minimize employee exposure. An eyewash station should be readily accessible. While rolling on the varnish, it is recommended to wear a vapour/mist respirator.

8.4 Hygienic Practices

It is recommended that employees should wash exposed body parts after use.

9. Physical and chemical properties

9.1 Appearance	Milky off-white liquid
Viscosity	100-300 cps
Solids	41.25-42.75% w/w
Ph	8.0-8.6
Smell	noticeable slight smell
Flash Point:	N/A
Auto-ignition Temperature:	N/A
Lower Explosive Limit:	N/A
Upper Explosive Limit:	N/A

10. Stability and reactivity

10.1 **Stability:** This material is considered stable.

Conditions to avoid: Extremely high temperatures (over 110F/44°C) and freezing temperatures (under 40F/4°C) while being stored in container.

Incompatibility: With strong oxidants, metal chlorides and acids.

Hazardous Polymerization: None anticipated under normal storage conditions (see point 7.1).

Hazardous Decomposition or Byproducts: Thermal degradation produces monomer and water vapours, smoke soot, and oxides of carbon, nitrogen and sulfur.

Other Conditions to Avoid: None known.

11. Toxicological information

11.1 None of the components that comprise Hahnemühle Varnish Satin are considered to be a potential carcinogen by the NTP, TARC and OSHA.

12. Ecological information**12.1 Environmental**

No applicable data.



13. Disposal considerations**13.1 Product Disposal**

Dispose of in accordance to federal, state and local regulations.

14. Transport information

14.1 Not considered as dangerous goods.

15. Regulatory information

15.1 Danger symbol and danger designation



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16. Other Information**16.1 Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Information taken from reference works and the literature.

Information derived from practical experience.

