

**series 27 - Calligraphy Gouache**

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product identifier**

**Trade name** series 27 - Calligraphy Gouache  
Finest Calligraphy Gouache

**REACH registration No.**  
**UFI**

**1.2 Relevant identified uses of the substance or mixture and uses advised against****General use**

Products for the artistic design of load-bearing and solid substrates.

**Uses advised against**

Applications other than "General use"

**1.3 Details of the supplier of the safety data sheet**

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
sdb@schmincke.de

**1.4 Emergency telephone number**

**Emergencycall Berlin**  
**+49 30-30686700**  
**(24/7 counseling in german and english)**

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

**Classification according to EC regulation 1272/2008 (CLP)**

**2.2 Label elements****Labelling**

**Signal word**

**Hazard components for labelling**

**Hazard statements**

no hazard labelling required

**Safety precautions**

**2.3 Other hazards**

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.  
Full text of biocides: see section 16.

This product contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or

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Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

**Chemical characterisation**

Water  
gum arabic  
pigments  
CAS-Number  
EINECS / ELINCS / NLP  
REACH registration No.  
CI-Number

**3.2 Mixtures**

**Additional information**

further information: see appendix

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

If you feel unwell, seek medical advice (show the label where possible).

**In case of inhalation**

No special measures are required.

**In case of skin contact**

Thoroughly wash skin with soap and water.  
Seek medical attention if irritation persists.

**After eye contact**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
Seek medical attention if irritation persists.

**After swallowing**

Rinse mouth with water. Let water be drunken in little sips (dilution effect).  
If you feel unwell, seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed**

**4.3 Indication of any immediate medical attention and special treatment needed**

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

**Extinguishing media which must not be used for safety reasons**

none

**5.2 Special hazards arising from the substance or mixture**

In case of fire may be liberated: Carbon monoxide and carbon dioxide

**5.3 Advice for firefighters**

Item numbers: 00922-009, 00922-082, 00922-094, 00922-025, 00922-074, 00922-112, 00922-510, 00922-524, 00922-535, 00922-7652, 00922-8042, 00922-9252, 00922-9332

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**Special protective equipment for firefighters**

**Additional information**

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes, and clothing.

**6.2 environmental precautions**

Discharge into the environment must be avoided.

**6.3 Methods and material for containment and cleaning up****Methods for cleaning up**

Take up mechanically. Wash spill area with plenty of water.

**Additional information**

**6.4 Reference to other sections**

Dispose of waste according to applicable legislation. refer to section 13

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advices on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

**Precautions against fire and explosion****7.2 Conditions for safe storage, including any incompatibilities****Requirements for storerooms and containers**

Keep container tightly closed.

**Hints on joint storage****Storage class****Further details**

storage temperature: from 10 °C to 35 °C

**7.3 Specific end use(s)**

No special measures necessary if stored and handled as prescribed.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****8.2 Exposure controls****Occupational exposure controls****Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Hand protection**

Protect skin by using skin protective cream.

**Eye protection**

Goggles

**Body protection**

Wash contaminated clothing prior to re-use.

**General protection and hygiene measures**

After work, wash hands and face.

**SECTION 9: Physical and chemical properties****9.1 information on basic physical and chemical properties**

**Form** pasty  
**Colour** pigmented

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# SAFETY DATA SHEET

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**Odour** almost odourless

	min	max	
Melting point/freezing point			
Initial boiling point and boiling range			
Flammability			
Explosion limits			
Flash point/flash point range			
Ignition temperature			
PH	5,5	6,5	
Viscosity			
Viscosity			
Solubility			
Partition coefficient: n-octanol/water			
Vapour pressure			
Density and/or relative density		1,3 - 2,4 kg/l	20 °C
Relative vapour density			
Auto-ignition temperature			
Refraction index			

Danger of explosion  
 particle characteristics

### 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

heat and frost

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Toxicokinetics, metabolism and distribution

#### Acute toxicity

There are no data available on the preparation/mixture itself.

#### In case of inhalation

There are no data available on the preparation/mixture itself.

#### After swallowing

There are no data available on the preparation/mixture itself.

#### In case of skin contact

There are no data available on the preparation/mixture itself.

#### After eye contact

There are no data available on the preparation/mixture itself.



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**Package**

**Waste key number**  
**Recommendation**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**Additional information**

<https://www.schmincke.de/en/know-how/good-to-know/disposing-of-washing-water-colour-medium-remains>

**SECTION 14: Transport information****14.1 UN number or ID number****14.2 UN proper shipping name**

**ADR, ADN** No dangerous good in sense of these transport regulations.  
**IMDG, IATA**

**14.3 Transport hazard class(es)**

**ADR, ADN**  
**IMDG**  
**IATA**

**14.4 Packing group****14.5 Environmental hazards**

**Marine Pollutant - IMDG**  
**Marine Pollutant - ADN**

**14.6 Special precautions for user****Land transport (ADR/RID)**

**Code: ADR/RID**  
**Kemmler-number**  
**Hazard label ADR**  
**Limited quantities**  
**Package: Instructions**  
**Package: Special Provisions**  
**Special provisions for packing together**  
**Portable tanks: Instructions**  
**Portable tanks: Special Provisions**  
**Tank coding**  
**Tunnel restriction**  
**Remarks**  
**EQ**  
**Special Provisions**

**Sea transport (IMDG)**

**EmS**  
**Special Provisions**  
**Limited quantities**  
**Package: Instructions**  
**Package: Special Provisions**  
**IBC: Instructions**  
**IBC: Provisions**  
**Tank instructions IMO**  
**Tank instructions UN**  
**Tank instructions Special Provisions**

**Stowage and segregation**  
**Properties and observations**

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**Remarks**  
EQ

**Air transport (IATA-DGR)**

**Hazard**  
**Passenger**  
**Passenger LQ**  
**Cargo**  
**ERG**  
**Remarks**  
EQ  
**Special Provisioning**

**14.7 Maritime transport in bulk according to IMO instruments**

No data available

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Europe**

**Contents of VOC [%]**  
**Contents of VOC**  
**[g/L]**  
**Further regulations, limitations and legal requirements**

**Germany**

**Storage class**  
**Water Hazard Class** 1  
**WGK catalog number**  
**Incident regulation**  
**Information on working limitations**  
**Further regulations, limitations and legal requirements**

**Switzerland**

**Contents of VOC [%]**  
0 %  
**Further regulations, limitations and legal requirements**

**USA**

**Further regulations, limitations and legal requirements**  
**Federal Regulations**  
**State Regulations**

**Canada**

**Further regulations, limitations and legal requirements**

**15.2 Chemical Safety Assessment****SECTION 16: Other information****Further information****Hazard statements (CLP)**

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**Further information**

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This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

**Literature**

REGULATION (EU) 2023/1435 - ATP 20

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Additional information**

- BIT - 1,2-benzisothiazol-3(2H)-one
- CIT - 5-chloro-2-methyl-4-isothiazolin-3-one
- MIT - 2-methyl-2H-isothiazol-3-one
- OIT - 2-octyl-2H-isothiazol-3-one

## Appendix for safety data sheet no.: 2700000EN

Art. Nr.	Art. Name	C.I.	
27101	SUPRA opaque white	PW6	titanium dioxide
27210	lemon yellow	PY3	monoazo yellow
27211	cadmium yellow hue light	PY74; PY83	monoazo yellow; diaryl
27320	vermilion red	PR4	#NV
27321	madder red	PW5; PR187; PR112	zinc sulphide/barium sulfate; naphtol AS; naphtol AS
27430	ultramarine deep blue	PB29	ultramarine blue
27431	Paris blue	PB15; PB15:1	phthalocyanine (Cu); phthalocyanine (Cu, Cl)
27540	chromium oxide green	PG17	hematite (Cr)
27650	burnt Sienna	PY42; PR101; PBr6	hydrated iron oxide; iron oxide; iron oxide
27761	jet black	PBk1	aniline black
27869	silver	Effektpigment; PBk10	pearlescent pigment; graphite
27870	gold pearl	Effektpigment	pearlescent pigment