

article **series 12 - HORADAM GOUACHE**
12000000 version: 1

Date: 20.10.2006
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1. Identification of the substance/preparation and of the company/undertaking

Commercial Product name series 12 - HORADAM GOUACHE
Use of the substance finest artists' Gouache for artistic painting techniques
Company
H.Schmincke & Co. GmbH & Co. KG
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D-40699 Erkrath
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Information Schmincke-laboratory: mo.-th. 8.00-16.30, fr. 8.00-13.30
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Emergency Information
Emergencycall Berlin: +49 (0) 30 - 1 92 40

2. Composition/information on ingredients

Chemical characterization (substance) gum arabic solution pigments water
Dangerous constituents
Chloracetamide: < 0,1 % CAS-Number: 79-07-2
R phrase(s): 25 - 43 - 62
Additional information The colour 12 103 contains zinc oxide. (see separate safety data sheet)
The colours 12 224, 228, 232, 236, 344, 346, 348 contain cadmium-containing pigments. The use of cadmium containing pigments is limited to artist colors.
further information: see appendix

3. Hazard identification

Classification
Nature of Hazard The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

4. First aid measures

General information In case of problems seek medical advice and show the package or label

5. Fire fighting measures

Suitable extinguishing media Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas. Compatible with all usual extinguishing media.

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6. Accidental release measures

Additional information When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

Particular use(s)

Particular use(s) No special measures necessary if stored and handled as prescribed.

8. Exposure controls / personal protection

Limitation and surveillance of the exposure at the workplace.

General protection and hygiene measures No special measures necessary if used correctly.

9. Physical and chemical properties

Appearance

Form	Pasty
Colour	pigmented
Odour	characteristic

Safety relevant data

Density	1,3 - 2,4 g/ml
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10. Stability and reactivity

11. Toxicological information

General remarks

General remarks By appropriate use of the product no health damage is known.

12. Ecological information

Details of elimination (decomposition and persistence)

Text of valuation Moderately/partially biodegradable

13. Disposal considerations

Product

Recommendation 080112 waste paint and varnish other than those mentioned in 080111

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14. transport information

Additional information

Additional information

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

15. Regulatory information

Classification

Nature of Hazard

The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

16. Other information

R phrase(s)

R25 Toxic if swallowed.
R43 May cause sensitisation by skin contact.
R62 Possible risk of impaired fertility.

Further remarks

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.

Appendix for material safety data sheet no.: 12 000 000
 - HORADAM® GOUACHE finest artists' Gouache -

art. no.	art. name	C.I.	CAS-no.
12 102	titanium white	PW 6	Titanium dioxide 13463-67-7
12 220	lemon yellow	PY 3	Monoazo..... 6486-23-3
12 222	vanadium yellow.....	PY 184	Bismuth vanadate..... 14059-33-7
12 224	cadmium yellow light	PY 35	Cadmium-zinc-sulphide 8048-07-5; 7727-43-7
12 226	cadmium yellow tone.....	PY 154	Benzimidazolone 68134-22-5
12 228	cadmium yellow middle	PY 35	Cadmium-zinc-sulphide 8048-07-5; 7727-43-7
12 230	Indian yellow	PY 153	Nickel-complex..... 68859-51-8
12 232	cadmium yellow deep	PO 20	Cadmiumsulfoselenide..... 12656-57-4
12 234	cadmium orange tone	PO 62	Benzimidazolone 75601-68-2
12 236	cadmium orange.....	PO 20	Cadmiumsulfoselenide..... 12656-57-4
12 340	vermilion tone.....	PR 255	Diketo-pyrrolo-pyrrol..... 120500-90-5
12 342	cadmium red tone	PR 242	Disazocondensation..... 118440-67-8
12 344	cadmium red light.....	PR 108	Cadmiumsulfoselenide 58339-34-7; 7727-43-7
12 346	cadmium red middle.....	PR 108	Cadmiumsulfoselenide 58339-34-7; 7727-43-7
12 348	cadmium red deep	PR 108	Cadmiumsulfoselenide 58339-34-7; 7727-43-7
12 350	scarlet red.....	PR 254	Diketo-pyrrolo-pyrrol..... 122390-98-1
12 352	carmine.....	PV 19	Quinacridone 1047-16-1
12 354	madder lake deep.....	PR 83:1	Anthraquinone, Al..... 72-78-0
12 356	madder red dark	PR 179; PV 19	Perylen; Quinacridone 5521-31-3; 1047-16-1
12 358	purple magenta	PR 122	Quinacridone 980-26-7
12 360	quinacridone violet	PV 19	Quinacridone 1047-16-1
12 460	violet.....	PV 23	Dioxazine 6358-30-1
12 462	Delft blue.....	PB 60	Indanthrone 81-77-6
12 464	ultramarine blue.....	PB 29	Sodium aluminium silicate..... 57455-37-5
12 466	cobalt blue deep.....	PB 74	Phenakit (Co, Zn, Si) 68412-74-8
12 468	ultramarine light.....	PB 29	Sodium aluminium silicate..... 57455-37-5
12 470	cobalt blue light	PB 28	Spinel (Co, Al) 1345-16-0
12 472	dark blue indigo	PB 60	Indanthrone 81-77-6
12 474	helio blue.....	PB 15:3	Phthalocyanine (Cu) 147-14-8
12 476	Prussian blue	PB 27	Iron-cyan-complex 14038-43-8; 25869-98-1
12 478	helio turquoise.....	PB 16	Phthalocyanine 574-93-6
12 520	helio green bluish	PG 7	Phthalocyanine (Cu, Cl)..... 1328-53-6
12 522	chromium oxide green brilliant.....	PG 18	Hydrated chromium oxide 12001-99-9
12 524	helio green yellowish.....	PG 36	Phthalocyanine complex (Cu, Cl, Br)..... 14302-13-7
12 526	cobalt green light.....	PG 19	Spinel (Co, Zn) 8011-87-8
12 528	cobalt green deep.....	PG 26	Spinel (Co,Cr)..... 68187-49-5
12 530	chromium oxide green	PG 17	Hematite (Cr) 1308-38-9
12 532	olive green.....	PO 62; PG 36	Benzimidazolone; 75601-68-2; Phthalocyanine complex (Cu, Cl, Br)..... 14302-13-7
12 640	titanium gold ochre.....	PBr 24	Rutile (Ti, Cr, Sb)..... 68186-90-3
12 642	raw umber.....	PY 42; PBr 7	Hydrated iron oxide; Earth pigment..... 20344-49-4; -
12 644	raw Sienna.....	PY 119; PBk 9	Spinel (Zn, Fe); Carbonized bones of animals.. 68186-90-3; 8021-99-6
12 646	English red.....	PR 101	Iron oxide..... 1309-37-1
12 648	burnt Sienna	PR 101; PBr 7; PBr 33	Iron oxide; Earth pigment; Spinel (Zn,Fe,Cr).... 1309-37-1; -; 68186-88-9
12 650	burnt umber.....	PR 101; PR 254; PBr 6; PBk 7	Iron oxide; Diketo-pyrrolo-pyrrol; Iron oxide;.... 1309-37-1; 122390-98-1; 72669-22-8; Lamp black 1333-86-4
12 652	Vandyke brown.....	PG 23; PBr 7; PBk 7	Silicate (Al, Fe); Earth pigment; Lamp black 1344-98-5; -; 1333-86-4
12 785	neutral grey	PO 62; PR 255; PB 60	Benzimidazolone; Diketo-pyrrolo-pyrrol; 75601-68-2; 120500-90-5; Indanthrone 81-77-6
12 787	ivory black.....	PBk 1; PBk 9	Aniline black; Carbonized bones of animals..... 13007-86-8; 8021-99-6