

Sicherheitsdatenblatt gemäß 1907/2006/EG

Artikel: **series 14 - HORADAM AQUARELL**

Version: 2

Schmincke

Feinste Künstlerfarben

Druckdatum 10.11.2014

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

1.1 Product identifier

Name: identification of the substance series 14 - HORADAM AQUARELL

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

* General use Products for creation of art.

1.3 Details of the supplier of the safety data sheet

Manufacturer H. Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Str. 2
D - 40699 Erkrath
Tel. +49 (0) 211-2509-0
Fax. +49 (0) 211-2509-497
info@schmincke.de
www.schmincke.de

Dept. responsible for information Schmincke-lab:
mo-th 8.00-16.30,fr 8.00-13.30
Tel. +49 (0) 211-2509-474
labor@schmincke.de

1.4 Emergency telephone number

* Name Emergencycall Berlin
(24h - counseling in german and english)
* Phone # +49 (0) 30 / 30 68 67 90

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

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

2.2 Label elements

Labelling (67/548/EEC or 1999/45)

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

SECTION 3: Composition / information on ingredients

3.1 Substances

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Chemical characterization
3.2 Mixtures

natural resin pigments water

Additional information

The colour 14 102 contains zinc oxide. (see separate safety data sheet)

The colours 14 230, 481, 486, 910, 930, 940 contain zinc oxide and/or triarylcarbonium-pigments. (see separate material safety data sheet)

The colours 14 223, 224, 225, 226, 227, 228, 347, 348, 349, 350 contain cadmium-containing pigments. The use of cadmium containing pigments is limited to artist colors.

further information: see appendix

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

SECTION 6: Accidental release measures

6.3 Methods and material for containment and cleaning up

Additional information

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

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Physical state

solid (pan) / paste (tube)

Colour

pigmented

Odour

characteristic

Density

Density

1,3 - 2,5 g/ml

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SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

General remarks

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

SECTION 12: Ecological information

12.6 Other adverse effects

General information

Moderately/partially biodegradable

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation

080112 waste paint and varnish other than those mentioned in 080111

SECTION 14: Transport information

14.6 Special precautions for user

Further information

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

SECTION 15: Regulatory information

SECTION 16: Other information

R phrase(s)

R25 Toxic if swallowed.

R43 May cause sensitisation by skin contact.

R62 Possible risk of impaired fertility.

Further information

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 a liability for damage arising in connection with the use of our products.

Appendix for material safety data sheet no.: 14 000 000
 - HORADAM® AQUARELL finest artists' water-colours -

art. no.	art. name	C.I.	CAS-no.
14 101	titanium-opaque white.....	PW 6	Titanium dioxide13463-67-7
14 206	titanium yellow	PY 53	Rutile (Ti, Ni, Sb).....8007-18-9
14 207	vanadium yellow.....	PY 184	Bismuth vanadate.....14059-33-7
14 208	aureolin modern	PY 151	Benzimidazolone61036-28-0
14 209	translucent yellow	PY 150	Azo-nickel-complex.....68511-62-6
14 210	gamboge gum modern.....	PY 150; PY 153	Azo-nickel-complex; Nickel-complex68511-62-6; 68859-51-8
14 211	chrome yellow lemon, no lead	PY 175	Benzimidazolone35636-63-6
14 212	chrome yellow light, no lead.....	PY 153; PY 155	Nickel-complex; Disazo.....68859-51-8; 68516-73-4
14 213	chrome yellow deep.....	PY 65	Monoazo.....6528-34-3
14 214	chrome orange, no lead	PO 62	Benzimidazolone75601-68-2
14 215	lemon yellow.....	PY 3	Monoazo.....6486-23-3
14 216	pure yellow.....	PY 154	Benzimidazolone68134-22-5
14 218	translucent orange.....	PO 71	Diketo-pyrrolo-pyrrol-
14 220	Indian yellow	PY 110; PY 154	Isoidindolinone; Benzimidazolone5590-18-1; 68134-22-5
14 221	jaune brilliant dark.....	PW 6; PY 53; PBr 24	Titanium dioxide; Rutile (Ti, Ni, Sb);.....13463-67-7; 8007-18-9; Rutile (Ti, Cr, Sb).....68186-90-3
14 223	cadmium yellow lemon	PY 35	Cadmium-zinc-sulphide8048-07-5; 7727-43-7
14 224	cadmium yellow light	PY 35	Cadmium-zinc-sulphide8048-07-5; 7727-43-7
14 225	cadmium yellow middle	PY 35	Cadmium-zinc-sulphide8048-07-5; 7727-43-7
14 226	cadmium yellow deep	PY 35; PO 20	Cadmium-zinc-sulphide;8048-07-5; 7727-43-7; Cadmiumsulfofelenide12656-57-4
14 227	cadmium orange light.....	PO 20	Cadmiumsulfofelenide.....12656-57-4
14 228	cadmium orange deep	PO 20	Cadmiumsulfofelenide.....12656-57-4
14 229	Naples yellow	PW 6; PY 53; PBr 24	Titanium dioxide; Rutile (Ti, Ni, Sb);.....13463-67-7; 8007-18-9; Rutile (Ti, Cr, Sb).....68186-90-3
14 345	dark red	PR 170	Naphthol AS2786-76-7
14 347	cadmium red middle.....	PR 108	Cadmiumsulfofelenide.....58339-34-7; 7727-43-7
14 348	cadmium red orange	PO 20	Cadmiumsulfofelenide.....12656-57-4
14 349	cadmium red light.....	PO 20	Cadmiumsulfofelenide.....12656-57-4
14 350	cadmium red deep	PR 108	Cadmiumsulfofelenide.....58339-34-7; 7727-43-7
14 351	ruby red	PV 19	Quinacridone1047-16-1
14 352	magenta	PV 42	Quinacridone
14 353	permanent carmine	PV 19	Quinacridone1047-16-1
14 354	madder red dark.....	PR 254; PV 42	Diketo-pyrrolo-pyrrol; Quinacridone122390-98-1; ...
14 356	rose madder	PR 48:4; PR 83:1	BONS, Mn; Anthrachinone, Al.....5280-66-0; 72-78-0
14 357	alizarin-crimson.....	PR 83:1	Anthrachinone, Al.....72-78-0
14 358	madder lake deep.....	PR 83:1; PR 177	Anthrachinone, Al; Anthanthrone72-78-0; 4051-63-2
14 360	permanent red orange.....	PO 62; PR 242	Benzimidazolone; Disazocondensation.....75601-68-2; 118440-67-8
14 361	permanent ed.....	PO 62; PR 242	Benzimidazolone; Disazocondensation.....75601-68-2; 118440-67-8
14 363	scarlet red.....	PR 254	Diketo-pyrrolo-pyrrol122390-98-1
14 365	vermillion.....	PR 255	Diketo-pyrrolo-pyrrol120500-90-5
14 366	deep red	PR 179	Perylen5521-31-3
14 367	purple magenta	PR 122	Quinacridone980-26-7
14 368	quinacridone violet	PV 19	Quinacridone1047-16-1
14 474	manganese violet.....	PV 16	Mangan-ammoniumphosphate.....10101-66-3
14 475	helio turquoise.....	PB 16	Phthalocyanine574-93-6
14 476	Mauve	PV 23	Dioxazine6358-30-1
14 478	helio blue reddish	PB 15:6	Phthalocyanine (Cu).....147-14-8
14 479	helio cerulean	PB 15:3	Phthalocyanine (Cu).....147-14-8
14 480	mountain blue.....	PW 5; PB 29; PG 7	Barium sulfate; Sodium-aluminium-silicate;.....1345-05-7; 57455-37-5; Phthalocyanine (Cu, Cl).....1328-53-6
14 482	Delft blue.....	PB 60	Indanthrone81-77-6
14 484	phthalo blue.....	PB 15:1	Phthalocyanine (Cu).....147-14-8
14 485	indigo.....	PB 15:1; PB 66	Phthalocyanine (Cu); Indigo, synthetic.....147-14-8; 482-89-3
14 487	cobalt blue light	PB 28	Spinel (Co, Al)1345-16-0
14 488	cobalt blue deep.....	PB 28; PB 74	Spinel (Co, Al); Phenakit (Co, Zn, Si).....1345-16-0; 68412-74-8
14 491	Paris blue.....	PB 15; PB 15:1; PB 27	Phthalocyanine (Cu); Phthalocyanine (Cu);147-14-8; 147-14-8; Iron-cyan-complex14038-43-8; 25869-98-1
14 492	Prussian blue	PB 27	Iron-cyan-complex14038-43-8; 25869-98-1
14 494	ultramarine finest	PB 29	Sodium-aluminium-silicate.....57455-37-5
14 495	ultramarine violet.....	PV 15	Sodium-aluminium-silicate.....12769-96-9
14 496	ultramarine blue.....	PB 15:1; PB 29	Phthalocyanine (Cu); Sodium-aluminium-silicate.....147-14-8; 57455-37-5
14 498	dark blue indigo	PB 60	Indanthrone81-77-6
14 499	cobalt cerulean	PB 36	Spinel (Co, Al, Cr)68187-11-1
14 509	cobalt turquoise.....	PG 50	Spinel (Co, Ni, Zn, Ti).....68186-85-6
14 510	cobalt green turquoise	PB 36	Spinel (Co, Al, Cr)68187-11-1
14 511	chromium oxide green brilliant.....	PG 7; PG 18	Phthalocyanine (Cu, Cl);.....1328-53-6; Hydrated chromium oxide12001-99-9

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 - HORADAM® AQUARELL finest artists' water-colours -

14 512	chromium oxide green	PG 17	Hematite (Cr)	1308-38-9
14 514	helio green	PG 36	Phthalocyaninecomplex (Cu, Cl, Br).....	14302-13-7
14 515	olive green	PB 15:1; PG 8	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl) ..	147-14-8; 1328-53-6
14 516	green earth	PG 7; PBr 7	Phthalocyanine (Cu, Cl); Earth pigment	1328-53-6; -
14 519	phthalo green	PG 7	Phthalocyanine (Cu, Cl).....	1328-53-6
14 521	Hooker's green	PY 42; PB 15:3; PG 7	Hydrated iron oxide; Phthalocyanine (Cu);	20344-49-4; 147-14-8; 1328-53-6
14 524	may green	PY 151; PG 7	Benzimidazolone; Phthalocyanine (Cu, Cl).....	61036-28-0; 1328-53-6
14 525	olive green yellowish	PO 62; PG 36	Benzimidazolone;	75601-68-2; 14302-13-7
14 526	permanent green	PY 154; PG 7	Benzimidazolone; Phthalocyanine (Cu, Cl).....	68134-22-5; 1328-53-6
14 528	Prussian green	PB 60; PG 7	Indanthrone; Phthalocyanine (Cu, Cl).....	81-77-6; 1328-53-6
14 530	sap green	PY 153; PG 7	Nickel-complex; Phthalocyanine (Cu, Cl)	68859-51-8; 1328-53-6
14 533	cobalt green dark	PG 26	Spinel (Co, Cr).....	68187-49-5
14 534	permanent green olive	PO 62; PG 7	Benzimidazolone; Phthalocyanine (Cu, Cl).....	75601-68-2; 1328-53-6
14 535	cobalt green pure	PG 19	Spinel (Co, Zn)	8011-87-8
14 536	green yellow	PY 150; PBk 7	Azo-nickel-complex; Lamp black.....	68511-62-6; 1333-86-4
14 645	Indian red	PR 101; PR 206	Iron oxide; Quinacridone	1309-37-1; 1047-16-1; 1503-48-6
14 648	translucent brown	PBr 41	Spinel (Zn, Fe, Cr)	68186-88-9
14 649	English Venetian red	PR 101	Iron oxide	1309-37-1
14 652	walnut brown	PBr 33	Spinel (Zn, Fe, Cr)	68186-88-9
14 654	gold brown	PY 65; PBr 41	Monoazo; Spinel (Zn, Fe, Cr)	6528-34-3; 68186-88-9
14 655	yellow ochre	PY 42	Hydrated iron oxide	20344-49-4
14 656	yellow raw ochre	PY 42; PY 43	Hydrated iron oxide; Hydrated iron oxide	20344-49-4; 1309-37-1
14 659	titanium gold ochre	PBr 24	Rutile (Ti, Cr, Sb).....	68186-90-3
14 660	raw Sienna	PY 43; PBr 7	Hydrated iron oxide; Earth pigment	1309-37-1; -
14 661	burnt Sienna	PR 101; PBk 9	Iron oxide; Carbonized bones of animals	1309-37-1; 8021-99-6
14 662	sepia brown tone	PR 166; PBr 7; PBk 9	Naphthol AS; Earth pigment;	5280-68-2; -;
14 663	sepia brown	PB 15:1; PBr 7; PBk 9	Carbonized bones of animals	8021-99-6
14 666	Pozzuoli earth	PR 101; PR 206	Phthalocyanine (Cu); Earth pigment;	147-14-8; -;
14 667	raw umber	PBr 7	Carbonized bones of animals	8021-99-6
14 668	burnt umber	PBr 7	Iron oxide; Quinacridone	1309-37-1; 1047-16-1; 1503-48-6
14 669	Vandyke brown	PY 153; PBr 7; PBk 7	Earth pigment	-
14 670	madder brown	PR 206	Earth pigment	-
14 780	ivory black	PBk 9	Nickel-complex; Earth pigment; Lamp black ..	68859-51-8; -; 1333-86-4
14 781	blue black	PBk 6	Quinacridone	1047-16-1; 1503-48-6
14 782	neutral tint	PR 122; PB 60; PBk 7	Carbonized bones of animals	8021-99-6
14 783	Schmincke Payne's grey	PR 101; PB 29; PBk 7	Lamp black	1333-86-4
14 785	neutral grey	PO 62; PR 255; PB 60	Quinacridone; Indanthrone; Lamp black	980-26-7; 81-77-6; 1333-86-4
14 786	charcoal grey	PBk 7	Iron oxide; Sodium-aluminium-silicate;	1309-37-1; 57455-37-5;
14 787	Payne's grey bluish	PBk 15:6; PBk 6	Lamp black	1333-86-4
14 893	gold	effect-pigment	Benzimidazolone; Diketo-pyrrolo-pyrrol;	75601-68-2; 120500-90-5;
14 894	silver	effect-pigment	Indanthrone	81-77-6
			Lamp black	1333-86-4
			Iron oxide black; Lamp black	1317-61-9; 1333-86-4
			Effect-pigment	-
			Effect-pigment	-