

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM SQUARELL

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 1 / 8 |

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

1.1 Product identifier

Trade name **series 14 - HORADAM SQUARELL**
Finest artists' water-colours

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

General use
Products for creation of art.

Uses advised against

1.3 Details of the supplier of the safety data sheet

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

| | |
|------------------------------|---|
| Emergency Information | Emergencycall Berlin |
| Phone # | (24h - counseling in german and english) |
| | +49 (0) 30-30686790 |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

2.2 Label elements

Labelling (CLP)

Signal word

Hazard statements

no hazard labelling required

Safety precautions

2.3 Other hazards

Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction. (EUH208)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation
pigment
gum arabic

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM AQUARELL

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 2 / 8 |

Water
CAS-Number
EINECS / ELINCS / NLP
EU index number
Customs tariff number
REACH registration No.
RTECS-no.
Hazchem-Code
CI-Number

3.2 Mixtures

Additional information

Further information: see appendix this safety data sheet.
The colours 14 102, 230, 481, 486 contain zinc oxide. (see separate safety data sheet)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

No risks worthy of mention.

In case of inhalation

No special measures are required.
If you feel unwell, seek medical advice (show the label where possible).

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 drunk in little sips (dilution effect).
Get medical advice/attention if you feel unwell.

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

water High power water jet

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

Special protective equipment for firefighters

Additional information

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM AQUARELL

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 3 / 8 |

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: 5 - 30 °C

Protect from moisture contamination.

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 the formation of dust, use a dust mask.

Hand protection

Protect skin by using skin protective cream.

Eye protection

Goggles

Body protection

Wear suitable protective clothing. 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 | solid / pasty |
| Colour | pigmented |
| Odour | almost odourless |

min max

Initial boiling point and

boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM AQUARELL

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 4 / 8 |

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

Partition coefficient: n-octanol/water

Danger of explosion

Vapour pressure

Density max. 20 °C

1,25 kg/l

PH value 4 6,5

Viscosity dynamic of

Viscosity dynamic up to

Viscosity kinematic of

Viscosity kinematic up to

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

frost and heat

10.5 Incompatible materials

strong acids oxidizing agents Strong alkali

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

In case of inhalation

No data available

After swallowing

No data available

In case of skin contact

No data available

After eye contact

No data available

Practical experience

General remarks

Toxicological tests

SECTION 12: Ecological information

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM AQUARELL

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 5 / 8 |

12.1 Toxicity

Aquatic toxicity
Water Hazard Class 2
WGK catalog number
General information

12.2 Persistence and degradability

Further details
Product is partially biodegradable.
Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)
Partition coefficient: n-octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information

Ecotoxicological effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

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

Contaminated packaging

Waste key number
Recommendation

Additional information

SECTION 14: Transport information

14.1 UN 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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM SQUARELL

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 6 / 8 |

Land transport

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

Inland waterway craft

Hazard label
Limited quantities
Transport permitted
Equipment necessary
Ventilation
Remarks
EQ
Special provisions

Sea transport

EmS
Special provisions
Limited quantities
Contaminated packaging: Instructions
Contaminated packaging: Special provisions
IBC: Instructions
IBC: Provisions
Tank instructions IMO
Tank instructions UN
Tank instructions Special provisions
Stowage and segregation
Properties and observations
Remarks
EQ

Air transport

Hazard
Passenger
Passenger LQ
Cargo
ERG
Remarks
EQ
Special Provisioning

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM AQUARELL

Article No.
Version 4 (04.01.17)

Issue date: 04.01.17
Page 7 / 8

National regulations

Europe

Contents of VOC [%] 0
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class 2
WGK catalog number
Incident regulation
Information on working limitations
Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

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

USA

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations

Japan

Further regulations, limitations and legal requirements

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP)

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

Literature

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 14 - HORADAM AQUARELL

| | | | |
|--------------------|-----------------------|--------------------|-----------------|
| Article No. | | Issue date: | 04.01.17 |
| Version | 4 (04.01.17) | Page | 8 / 8 |

Reason of change

Additional information

Anhang für das Sicherheitsdatenblatt Nr.: 14 000 000

HORADAM® AQUARELL

| art.nr. | art.name | C.I. | | CAS-nr. |
|---------|----------------------------|------------------|--|-----------------------------------|
| 14101 | titanium-opaque white | PW6 | Titanium dioxide | 13463-67-7 |
| * 14205 | rutile yellow | PY53 | Rutile (Ti, Ni, Sb) | 8007-18-9 |
| 14206 | titanium yellow | PY53 | Rutile (Ti, Ni, Sb) | 8007-18-9 |
| 14207 | vanadium yellow | PY184 | Bismuth vanadate | 14059-33-7 |
| * 14208 | aureolin hue | PY151 | Benzimidazolone | 61036-28-0 |
| * 14209 | transparent yellow | PY150 | Azo-nickel-complex | 68511-62-6 |
| * 14211 | chromium yellow hue, lemon | PY175 | Benzimidazolone | 35636-63-6 |
| * 14212 | chromium yellow hue, light | PY153; PY155 | Nickel-complex; Disazo | 68859-51-8; 68516-73-4 |
| * 14213 | chromium yellow hue, deeo | PY65 | Monoazo | 6528-34-3 |
| * 14214 | chromium orange hue | PO62 | Benzimidazolone | 75601-68-2 |
| 14215 | lemon yellow | PY3 | Monoazo | 6486-23-3 |
| 14216 | pure yellow | PY154 | Benzimidazolone | 68134-22-5 |
| * 14217 | gamboge gum modern | PY150; PR101 | Azo-nickel-complex; Iron oxide | 68511-62-6; 1309-37-1 |
| * 14218 | transparent orange | PO71 | Diketo-pyrrolo-pyrrol | 71832-85-4 |
| * 14219 | Turner's yellow | PY216 | Rutile (Zn, Sn) | 85536-73-8 |
| 14220 | Indian yellow | PY110; PY154 | Isoindolinone; Benzimidazolone | 5590-18-1; 68134-22-5 |
| 14221 | jaune brilliant dark | PW6; PY53; PBr24 | Titanium dioxide; Rutile (Ti, Ni, Sb); Rutile (Ti, Cr, Sb) | 13463-67-7; 8007-18-9; 68186-90-3 |
| * 14222 | yellow orange | PY153 | Nickel-complex | 68859-51-8 |
| 14223 | cadmium yellow lemon | PY35 | Cadmium-zinc-sulphide | 8048-07-5; 7727-43-7 |
| 14224 | cadmium yellow light | PY35 | Cadmium-zinc-sulphide | 8048-07-5; 7727-43-7 |
| 14225 | cadmium yellow middle | PY35 | Cadmium-zinc-sulphide | 8048-07-5; 7727-43-7 |
| 14226 | cadmium yellow deep | PY35; PO20 | Cadmium-zinc-sulphide; Cadmium sulfo-selenide | 8048-07-5; 7727-43-7; 12656-57-4 |
| 14227 | cadmium orange light | PO20 | Cadmium sulfo-selenide | 12656-57-4 |
| 14228 | cadmium orange deep | PO20 | Cadmium sulfo-selenide | 12656-57-4 |
| 14229 | Naples yellow | PW6; PY53; PBr24 | Titanium dioxide; Rutile (Ti, Ni, Sb); Rutile (Ti, Cr, Sb) | 13463-67-7; 8007-18-9; 68186-90-3 |
| * 14341 | geranium red | PR242 | Disazocondensation | 118440-67-8 |
| * 14342 | vermilion light | PR188 | - | - |
| * 14343 | quinacridone red light | PR207 | Quinacridone | - |
| * 14344 | perylene dark red | PR178 | Perylen | 3049-71-6 |
| * 14346 | ruby red deep | PR264 | Diketo-pyrrolo-pyrrol | - |
| 14347 | cadmium red middle | PR108 | Cadmium sulfo-selenide | 58339-34-7; 7727-43-7 |
| 14348 | cadmium red orange | PO20 | Cadmium sulfo-selenide | 12656-57-4 |
| 14349 | cadmium red light | PR108 | Cadmium sulfo-selenide | 58339-34-7; 7727-43-7 |
| 14350 | cadmium red deep | PR108 | Cadmium sulfo-selenide | 58339-34-7; 7727-43-7 |
| 14351 | ruby red | PV19 | Quinacridone | 1047-16-1 |
| 14352 | magenta | PV42 | Quinacridone | - |
| 14353 | permanent carmine | PV19 | Quinacridone | 1047-16-1 |
| 14354 | madder red dark | PV19; PR179 | Quinacridone; Perylen | 1047-16-1; 5521-31-3 |
| * 14355 | transparent red deep | PR144 | Quinacridone | 980-26-7 |

Anhang für das Sicherheitsdatenblatt Nr.: 14 000 000
HORADAM® AQUARELL

| art.nr. | art.name | C.I. | | CAS-nr. |
|---------|------------------------|--------------------|---|--|
| 14356 | rose madder | PR83:1; PR48:4 | Anthraquinone, Al; BONS, Mn | 72-78-0; 5280-66-0 |
| 14357 | alizarin crimson | PR83:1 | Anthraquinone, Al | 72-78-0 |
| 14358 | madder lake deep | PR83:1; PR177 | Anthraquinone, Al; Anthanthrone | 72-78-0; 4051-63-2 |
| * 14359 | Saturn red | PO64 | Benzimidazolone | 75601-68-2 |
| 14360 | permanent red orange | PO62; PR242 | Benzimidazolone; Disazocondensation | 75601-68-2; 118440-67-8 |
| 14361 | permanent red | PR242; PO62 | Disazocondensation; Benzimidazolone | 118440-67-8; 75601-68-2 |
| * 14362 | Bordeaux | PR187 | Naphthol AS | 59487-23-9 |
| 14363 | scarlet red | PR254 | Diketo-pyrrolo-pyrrol | 122390-98-1 |
| 14365 | vermilion | PR255 | Diketo-pyrrolo-pyrrol | 120500-90-5 |
| * 14366 | perylene maroon | PR179 | Perylen | 5521-31-3 |
| 14367 | purple magenta | PR122 | Quinacridone | 980-26-7 |
| 14368 | quinacridone violet | PV19 | Quinacridone | 1047-16-1 |
| * 14369 | quinacridone magenta | PR202 | Quinacridone | 1047-16-1 |
| * 14370 | Potter's pink | PR233 | Quinacridone | 3089-16-5 |
| * 14371 | perylene violet | PV29 | Dioxazine | 6358-30-1 |
| * 14472 | quinacridone purple | PV55 | Quinacridone | - |
| * 14473 | cobalt violet hue | - | Strontium phosphate | 101356-96-1 |
| 14474 | manganese violet | PV16 | Manganese-ammonium pyrophosphate | 10101-66-3 |
| 14475 | helio turquoise | PB16 | Phthalocyanine | 574-93-6 |
| * 14476 | Schmincke violet | PV23 | Dioxazine | 6358-30-1 |
| * 14477 | phthalo sapphire blue | PB15:6 | Phthalocyanine (Cu) | 147-14-8 |
| 14479 | helio cerulean | PB15:3 | Phthalocyanine (Cu) | 147-14-8 |
| 14480 | mountain blue | PW5; PB29; PG7 | Barium sulfate; Sodium aluminum silicate; Phthalocyanine (Cu, Cl) | 1345-05-7; 57455-37-5; 1328-53-6 |
| 14482 | Delft blue | PB60 | Indanthrone | 81-77-6 |
| * 14483 | cobalt azure | PB35 | Spinel (Co, Sn) | 68187-05-3 |
| 14484 | phthalo blue | PB15:1 | Phthalocyanine (Cu) | 147-14-8 |
| 14485 | indigo | PB15:1; PB66 | Phthalocyanine (Cu); Indigo, synthetic | 147-14-8; 482-89-3 |
| 14487 | cobalt blue light | PB28 | Spinel (Co, Al) | 1345-16-0 |
| 14488 | cobalt blue deep | PB74 | Phenacite (Co, Zn, Si) | 68412-74-8 |
| 14491 | Paris blue | PB15; PB15:1; PB27 | Phthalocyanine (Cu); Phthalocyanine (Cu); Iron-cyan-complex | 147-14-8; 147-14-8; 14038-43-8; 25869-98-1 |
| 14492 | Prussian blue | PB27 | Iron-cyan-complex | 14038-43-8; 25869-98-1 |
| * 14493 | French ultramarine | PB29 | Sodium aluminum silicate | 57455-37-5 |
| 14494 | ultramarine finest | PB29 | Sodium aluminum silicate | 57455-37-5 |
| 14495 | ultramarine violet | PV15; PB29 | Sodium aluminum silicate; Sodium aluminum silicate | 12769-96-9; 57455-37-5 |
| 14496 | ultramarine blue | PB15; PB29 | Phthalocyanine (Cu); Sodium aluminum silicate | 147-14-8; 57455-37-5 |
| * 14498 | dark blue | PB60 | Indanthrone | 81-77-6 |
| 14499 | cobalt cerulean | PB36 | Spinel (Co, Al, Cr) | 68187-11-1 |
| 14509 | cobalt turquoise | PG50 | Spinel (Co, Ni, Zn, Ti) | 68186-85-6 |
| 14510 | cobalt green turquoise | PB36 | Spinel (Co, Al, Cr) | 68187-11-1 |

Anhang für das Sicherheitsdatenblatt Nr.: 14 000 000
HORADAM® AQUARELL

| art.nr. | art.name | C.I. | | CAS-nr. |
|---------|--------------------------------|--------------------|---|---------------------------------|
| 14511 | chromium oxide green brilliant | PG18; PG7 | Hydrated chromium oxide; Phthalocyanine (Cu, Cl) | 12001-99-9; 1328-53-6 |
| 14512 | chromium oxide green | PG17 | Hematite (Cr) | 1308-38-9 |
| * 14513 | viridian | PG18 | Hydrated chromium oxide | 12001-99-9 |
| 14514 | helio green | PG36 | Phthalocyanine complex (Cu, Cl, Br) | 14302-13-7 |
| 14515 | olive green | PB15; PG8 | Phthalocyanine (Cu); Phthalocyanine (Cu, Cl) | 147-14-8; 1328-53-6 |
| 14516 | green earth | PBr7; PG7 | Earth pigment; Phthalocyanine (Cu, Cl) | -; 1328-53-6 |
| 14519 | phthalo green | PG7 | Phthalocyanine (Cu, Cl) | 1328-53-6 |
| 14521 | Hooker's green | PB15:3; PG7; PY42 | Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Hydrated iron oxide | 147-14-8; 1328-53-6; 20344-49-4 |
| 14524 | may green | PY151; PG7 | Benzimidazolone; Phthalocyanine (Cu, Cl) | 61036-28-0; 1328-53-6 |
| 14525 | olive green yellowish | PO62; PG36 | Benzimidazolone; Phthalocyanine complex (Cu, Cl, Br) | 75601-68-2; 14302-13-7 |
| 14526 | permanent green | PY155; PG7 | Disazo; Phthalocyanine (Cu, Cl) | 68516-73-4; 1328-53-6 |
| 14528 | Prussian green | PG7; PB60 | Phthalocyanine (Cu, Cl); Indanthrone | 1328-53-6; 81-77-6 |
| 14530 | sap green | PY153; PG7 | Nickel-complex; Phthalocyanine (Cu, Cl) | 68859-51-8; 1328-53-6 |
| 14533 | cobalt green dark | PG26 | Spinel (Co,Cr) | 68187-49-5 |
| 14534 | permanent green olive | PO62; PG7 | Benzimidazolone; Phthalocyanine (Cu, Cl) | 75601-68-2; 1328-53-6 |
| 14535 | cobalt green pure | PG19 | Spinel (Co, Zn) | 8011-87-8 |
| * 14537 | transparent green gold | PY129 | Copper-complex | 68859-61-0 |
| 14645 | Indian red | PR101; PR206 | Iron oxide; Quinacridone | 1309-37-1; 1047-16-1; 1503-48-6 |
| * 14648 | transparent brown | PBr41 | Disazocondensation | 68516-75-6 |
| 14649 | English Venetian red | PR101 | Iron oxide | 1309-37-1 |
| * 14650 | spinel brown | PY119 | Spinel (Zn, Fe) | 68186-90-3 |
| * 14651 | maroon brown | NBr | Iridin | - |
| * 14653 | transparent Sienna | PR101 | Iron oxide | 1309-37-1 |
| 14654 | gold brown | PY65; PBr41 | Monoazo; Disazocondensation | 6528-34-3; 68516-75-6 |
| 14655 | yellow ochre | PY42 | Hydrated iron oxide | 20344-49-4 |
| 14656 | yellow raw ochre | PY42/PY43 | Hydrated iron oxide | 20344-49-4 |
| * 14657 | transparent ochre | PY42 | Hydrated iron oxide | 20344-49-4 |
| * 14658 | Mars brown | PBr6 | Brown coal | 72669-22-8 |
| 14659 | titanium gold ochre | PBr24 | Rutile (Ti, Cr, Sb) | 68186-90-3 |
| 14660 | raw Sienna | PBr7/PY43 | Earth pigment | - |
| 14661 | burnt Sienna | PR101; PBk9 | Iron oxide; Am. carbonized bones of animals | 1309-37-1; 8021-99-6 |
| * 14662 | sepia brown hue | PR242; PBr7; PBk9 | Disazocondensation; Earth pigment; Am. carbonized bones of animals | 118440-67-8; -; 8021-99-6 |
| 14663 | sepia brown | PB15:1; PBr7; PBk9 | Phthalocyanine (Cu); Earth pigment; Am. carbonized bones of animals | 147-14-8; -; 8021-99-6 |
| * 14665 | green umber | PBr7 | Earth pigment | - |
| * 14667 | raw umber | PBr7/PY42 | Earth pigment | - |
| 14668 | burnt umber | PBr7 | Earth pigment | - |
| 14669 | Vandyke brown | PY153; PBr7; PBk7 | Nickel-complex; Earth pigment; Lamp black | 68859-51-8; -; 1333-86-4 |
| 14670 | madder brown | PR206 | Quinacridone | 1047-16-1; 1503-48-6 |
| * 14671 | transparent umber | PR101 | Iron oxide | 1309-37-1 |

Anhang für das Sicherheitsdatenblatt Nr.: 14 000 000
HORADAM® AQUARELL

| art.nr. | art.name | C.I. | | CAS-nr. |
|---------|------------------------|-------------------------|--|----------------------------------|
| * 14672 | mahogany brown | PBr33 | Spinel (Zn,Fe,Cr) | 68186-88-9 |
| 14780 | ivory black | PBk9 | Am. carbonized bones of animals | 8021-99-6 |
| 14781 | lamp black | PBk6 | Lamp black | 1333-86-4 |
| 14782 | neutral tint | PR122; PB60; PBk7 | Quinacridone; Indanthrone; Lamp black | 980-26-7; 81-77-6; 1333-86-4 |
| 14783 | Schmincke payne's grey | PR101; PB29; PBk7 | Iron oxide; Sodium aluminum silicate; Lamp black | 1309-37-1; 57455-37-5; 1333-86-4 |
| * 14784 | perylene green | PBk31 | Perylene | 67075-37-0 |
| 14785 | neutral grey | PR255; PB60; PO62 | Diketo-pyrrolo-pyrrol; Indanthrone; Benzimidazolone | 120500-90-5; 81-77-6; 75601-68-2 |
| * 14786 | anthracite | PBk7 | Lamp black | 1333-86-4 |
| 14787 | Payne's grey bluish | PBk6; PB15:6; PB15:2 | Lamp black; Phthalocyanine (Cu); Phthalocyanine (Cu) | 1333-86-4; 147-14-8; 147-14-8 |
| * 14788 | graphite grey | PBk10 | Crystallized carbon | 7782-42-5 |
| * 14789 | hematite black | PG17 | Hematite (Cr) | 1308-38-9 |
| * 14791 | Mars black | PBk11 | Iron oxide black | 1317-61-9 |
| 14893 | gold | Effektpigment | - | - |
| 14894 | silver | Effektpigment | - | - |
| * 14910 | brilliant blue violet | PB29; PV23; Effektpigm. | Sodium aluminum silicate; Dioxazine; - | 57455-37-5; 6358-30-1; - |
| * 14920 | brilliant opera rose | PR122; Effektpigment | Quinacridone; - | 980-26-7; - |
| * 14930 | brilliant purple | PR122; Effektpigment | Quinacridone; - | 980-26-7; - |
| * 14940 | brilliant red violet | PV55; Effektpigment | Quinacridone; - | -; - |