

MATERIAL SAFETY DATA SHEET

00817-0000

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

series 12 - HORADAM GOUACHE

Article No.	12102011 titanium white	Issue date:	21.01.20
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name series 12 - HORADAM GOUACHE
finest artists' Gouache

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-Labor:
Mo-Do 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
Phone #**

**Emergencycall Berlin
(24h - counseling in german and english)
+49 (0) 30-30686700**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to EC regulation 1272/2008 (CLP)**

The mixture is classified as not hazardous according to regulation (EC) No 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**

Item Numbers: 00817-1001, 00817-1009, 00817-1010, 00817-1011, 00817-1012, 00817-1013, 00817-1014, 00817-1015, 00817-1016, 00817-1017, 00817-1018, 00817-1019, 00817-1020, 00817-1021, 00817-1022, 00817-1023, 00817-1024, 00817-1025, 00817-1026, 00817-1027, 00817-1028, 00817-1029, 00817-1030, 00817-1031, 00817-1032, 00817-1033, 00817-1034, 00817-1035, 00817-1036, 00817-1037, 00817-1038, 00817-1039, 00817-1040, 00817-1041, 00817-1042, 00817-1043, 00817-1044, 00817-1045, 00817-1046, 00817-1047, 00817-1048, 00817-1049, 00817-1050, 00817-1051, 00817-1052, 00817-1053, 00817-1054, 00817-1055, 00817-1056, 00817-1057, 00817-1058, 00817-1059, 00817-1060, 00817-1061, 00817-1062, 00817-1063, 00817-1064, 00817-1065, 00817-1066, 00817-1067, 00817-1068, 00817-1069, 00817-1070, 00817-1071, 00817-1072, 00817-1073, 00817-1074, 00817-1075, 00817-1076, 00817-1077, 00817-1078, 00817-1079, 00817-1080, 00817-1081, 00817-1082, 00817-1083, 00817-1084, 00817-1085, 00817-1086, 00817-1087, 00817-1088, 00817-1089, 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3.1 Substances**Chemical characterisation**

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

3.2 Mixtures**Additional information**

The colour 12103 contains zinc oxide. (see separate safety data sheet)
 The colours 12 224, 12 228, 12 232, 12 236, 12 344, 12 346, 12 348 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 inhalation**

No special measures are required. Seek medical treatment in case of troubles.

In case of skin contact

Remove residues 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.
 In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing

Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing material as appropriate for the surrounding area.

Extinguishing media which must not be used for safety reasons

Full water jet
 0080, 00817-3090, 00817-3150, 00817-3200, 00817-3390, 00817-3590, 00817-3700, 00817-3740, 00817-3770, 00817-3780, 00817-4120, 00817-4130, 00817-4160, 00817-4190, 00817-4200, 00817-4530, 00817-4690, 00817-5180, 00817-5210, 00817-5220, 00817-5230, 00817-5250, 00817-5280, 00817-5300, 00817-5380, 00817-5910, 00817-5920, 00817-6500, 00817-6510, 00817-6610, 00817-7070, 00817-7340, 00817-7650, 00817-7660, 00817-7760, 00817-7890, 00817-7910, 00817-8040, 00817-8050, 00817-8060, 00817-8070, 00817-8310, 00817-9010, 00817-9030, 00817-9300, 00817-1026

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5.2 Special hazards arising from the substance or mixture

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**

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.

Additional information

6.4 Reference to other sections

Disposal: see 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

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

storage temperature: 10 - 30 °C

Hints on joint storage

Storage class

Further details

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.

Respiratory protection must be worn whenever the WEL levels have been exceeded. Particle filter device (DIN EN 143)

Hand protection

Protect skin by using skin protective cream.

Eye protection

Tightly sealed safety glasses.

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

General protection and hygiene measures

Wash hands before breaks and after work

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

Form pasty
Colour pigmented
Odour almost odourless

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

Danger of explosion

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**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 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

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No data available

Practical experience**General remarks****SECTION 12: Ecological information****12.1 Toxicity**

Aquatic toxicity
Water Hazard Class 1
WGK catalog number
General information

12.2 Persistence and degradability

Further details
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****SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Waste key number
 080112 waste paint and varnish other than those mentioned in 08 01 11
Recommendation

Contaminated packaging

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

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**

Hazard Numbers: 00817-1001, 00817-1009, 00817-1019, 00817-1020, 00817-2250, 00817-2540, 00817-3080, 00817-3090, 00817-3150, 00817-3200, 00817-3390, 00817-3590, 00817-3700, 00817-3740, 00817-3770, 00817-3780, 00817-4060, 00817-4090, 00817-4120, 00817-4130, 00817-4160, 00817-4190, 00817-4200, 00817-4530, 00817-4690, 00817-5180, 00817-5210, 00817-5220, 00817-5230, 00817-5250, 00817-5280, 00817-5300, 00817-5380, 00817-5910, 00817-5920, 00817-6500, 00817-6510, 00817-6610, 00817-7070, 00817-7340, 00817-7650, 00817-7660, 00817-7760, 00817-7890, 00817-7910, 00817-8040, 00817-8050, 00817-8060, 00817-8070, 00817-8310, 00817-9010, 00817-9030, 00817-9300, 00817-1026

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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
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 (ADN)

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

Sea transport (IMDG)

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 (IATA-DGR)

Hazard
Passenger
Passenger LQ
Cargo
ERG
Remarks

Item Numbers: 00817-1001, 00817-1009, 00817-1019, 00817-1020, 00817-2250, 00817-2540, 00817-3080, 00817-3090, 00817-3150, 00817-3200, 00817-3390, 00817-3590, 00817-3700, 00817-3740, 00817-3770, 00817-3780, 00817-4060, 00817-4090, 00817-4120, 00817-4130, 00817-4160, 00817-4190, 00817-4200, 00817-4530, 00817-4690, 00817-5180, 00817-5210, 00817-5220, 00817-5230, 00817-5250, 00817-5280, 00817-5300, 00817-5380, 00817-5910, 00817-5920, 00817-6500, 00817-6510, 00817-6610, 00817-7070, 00817-7340, 00817-7650, 00817-7660, 00817-7760, 00817-7890, 00817-7910, 00817-8040, 00817-8050, 00817-8060, 00817-8070, 00817-8310, 00817-9010, 00817-9030, 00817-9300, 00817-1026

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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**Bezeichner in aktueller Sprache fehlt!****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

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 [%]
0 %
Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations
Signal Word
Principal Hazards
Hazardous Ingredients

Hazard Statement
Precaution Statement
First aid Statements
Children's Statement
Required Statements

Japan

Further regulations, limitations and legal requirements

Canada

00817-1001, 00817-1009, 00817-1019, 00817-1020, 00817-2250, 00817-2540, 00817-3080, 00817-3090, 00817-3150, 00817-3200, 00817-3390, 00817-3590, 00817-3700, 00817-3740, 00817-3770, 00817-3780, 00817-4060, 00817-4090, 00817-4120, 00817-4130, 00817-4160, 00817-4190, 00817-4200, 00817-4530, 00817-4690, 00817-5180, 00817-5210, 00817-5220, 00817-5230, 00817-5250, 00817-5280, 00817-5300, 00817-5380, 00817-5910, 00817-5920, 00817-6500, 00817-6510, 00817-6610, 00817-7070, 00817-7340, 00817-7650, 00817-7660, 00817-7760, 00817-7890, 00817-7910, 00817-8040, 00817-8050, 00817-8060, 00817-8070, 00817-8310, 00817-9010, 00817-9030, 00817-9300, 00817-1026

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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).

Reason of change**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 material safety data sheet no.: 12 000 000
HORADAM® Gouache

art.nr.	art.name	C.I.		CAS-nr.
12102	titanium white	PW6	Titanium dioxide	13463-67-7
12203	lemon yellow	PY3	Monoazo	6486-23-3
12222	vanadium yellow	PY184	Bismuth vanadate	14059-33-7
12226	cadmium yellow hue	PY154	Benzimidazolone	68134-22-5
12230	Indian yellow	PY153	Nickel-complex	68859-51-8
12234	cadmium orange hue	PO62	Benzimidazolone	75601-68-2
12236	cadmium orange	PO20	Cadmium sulfo-selenide	12656-57-4
12340	vermillion hue	PR255	Diketo-pyrrolo-pyrrol	120500-90-5
12350	scarlet	PR254	Diketo-pyrrolo-pyrrol	122390-98-1
12352	carmine	PV19	Quinacridone	1047-16-1
12354	madder lake deep	PR83:1	Anthraquinone, Al	72-78-0
12356	madder lake dark	PV19; PR179	Quinacridone; Perylen	1047-16-1; 5521-31-3
12358	purple magenta	PR122	Quinacridone	980-26-7
12360	quinacridone violet	PV19	Quinacridone	1047-16-1
12460	violet	PV23	Dioxazine	6358-30-1
12462	Delft blue	PB60	Indanthrone	81-77-6
12464	ultramarine deep	PB29	Sodium aluminum silicate	57455-37-5
12466	cobalt blue deep	PB74; PB28	Phenacite (Co, Zn, Si); Spinel (Co, Al)	68412-74-8; 1345-16-0
12468	ultramarine light	PB29	Sodium aluminum silicate	57455-37-5
12470	cobalt blue light	PB28	Spinel (Co, Al)	1345-16-0
12472	dark blue indigo	PB60	Indanthrone	81-77-6
12474	hello blue	PB15:3	Phthalocyanine (Cu)	147-14-8
12476	Prussian blue	PB27	Iron-cyan-complex	14038-43-8; 25869-98-1
12478	hello turquoise	PB16	Phthalocyanine	574-93-6
12520	hello green bluish	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
12522	chromium oxide green brilliant	PG18	Hydrated chromium oxide	12001-99-9
12524	hello green yellowish	PG36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
12526	cobalt green light	PG19	Spinel (Co, Zn)	8011-87-8
12528	cobalt green deep	PG26	Spinel (Co, Cr)	68187-49-5
12530	chromium oxide green	PG17	Hematite (Cr)	1308-38-9
12532	olive green	PG36; PO62	Phthalocyanine complex (Cu, Cl, Br); Benzimidazolone	14302-13-7; 75601-68-2
12640	titanium gold ochre	PB24	Rutile (Ti, Cr, Sb)	68186-90-3
12642	raw umber	PB7; PY42	Earth pigment; Hydrated iron oxide	-; 20344-49-4
12644	raw Sienna	PY119; PBK9	Spinel (Zn, Fe); Am. carbonized bones of animals	68186-90-3; 8021-99-6
12646	English red	PR101	Iron oxide	1309-37-1
12648	burnt Sienna	PB7; PB33; PR101	Earth pigment; Spinel (Zn, Fe, Cr); Iron oxide	-; 68186-88-9; 1309-37-1
12650	burnt umber	PR254;	Diketo-pyrrolo-pyrrol; Hydrated iron oxide; Lamp black	122390-98-1; 20344-49-4; 1333-86-4
12652	Vandyke brown	PY42; PR101; PBK11; PBK7		
		PG23; PBK7; PB7	Silicate (Al, Fe); Lamp black; Earth pigment	1344-98-5; 1333-86-4; -

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Appendix for material safety data sheet no.: 12 000 000
HORADAM® Gouache

art.nr.	art.name	C.I.	CAS-nr.
12785	neutral grey	PR255; PB60; P062	120500-90-5; 81-77-6; 75601-68-2
12787	ivory black	PBK1; PBK9	13007-86-8; 8021-99-6

Diketo-pyrrolo-pyrrol; Indanthrone; Benzimidazolone

Anilin black; Am. carbonized bones of animals

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