

SAFETY DATA SHEET

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

series 13 - PRIMAcryl

Article No.
Version 3 (14.04.16)

Issue date: 14.04.16
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name series 13 - PRIMAcryl / PRIMAcryl fluid
Finest artists' acrylic

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 Phone #	Emergencycall Berlin (24h - counseling in german and english) +49 (0) 30-30686790
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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, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. (EUH208)

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SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization

pigments
additives
acrylic resin
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

The colour 13100 contains zinc oxide. (see separate safety data sheet)
The colours 13207,13211, 13213, 13214, 13317, 13320, 13322, 13911, 13922 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 attention if problems persist.

In case of skin contact

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

After eye contact

Immediately flush eyes 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. 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

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

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

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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: 5 - 40 °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

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

General protection and hygiene measures

Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Physical state	paste (PRIMAcryl) / liquid (PRIMAcryl fluid)
Colour	pigmented
Odour	weak

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	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		

Partition coefficient: n-octanol/water
Explosive properties

Vapour pressure

Density	1,1 -
	1,6 g/ml
PH value	8 -
	10

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

The product is stable under storage at normal ambient temperatures.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

frost and heat

10.5 Incompatible materials

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

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Acute toxicity, irritation of the skin and mucous mebrane, and mutagenic potential of the preparation were assessed by the manufacturer on the basis of the data available on the main components.

Toxicological tests

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity
Water Hazard Class
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

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IATA

14.4 Packing group

14.5 Environmental hazards

Marine Pollutant - IMDG
Marine Pollutant - ADN

14.6 Special precautions for user

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

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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

National regulations

Europe

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

Germany

Storage class
Water Hazard Class
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

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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

Appendix for material safety data sheet no.: 13 000 000

PRIMAcryl®

art.nr.	art.name	C.I.		CAS-nr.
13101	titanium white	PW6	Titanium dioxide	13463-67-7
13102	heavy body white	PW6	Titanium dioxide	13463-67-7
13203	Medieval yellow	PY53; PW6	Rutile (Ti, Ni, Sb); Titanium dioxide	8007-18-9; 13463-67-7
13204	titanium yellow green shade	PY53; PG19	Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	8007-18-9; 8011-87-8
13205	lemon yellow	PY3	Monoazo	6486-23-3
13206	vanadium yellow light	PY184	Bismuth vanadate	14059-33-7
13207	cadmium yellow light	PY35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
13208	titanium yellow	PY53; PY155; PW6	Rutile (Ti, Ni, Sb); Disazo; Titanium dioxide	8007-18-9; 68516-73-4; 13463-67-7
13209	brilliant yellow	PY154	Benzimidazolone	68134-22-5
13210	vanadium yellow deep	PY184	Bismuth vanadate	14059-33-7
13211	cadmium yellow medium	PY35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
13212	Indian yellow	PY110; PY154	Isoindolinone; Benzimidazolone	5590-18-1; 68134-22-5
13213	cadmium yellow deep	PO20	Cadmium sulfo-selenide	12656-57-4
13214	cadmium orange	PO20	Cadmium sulfo-selenide	12656-57-4
13215	brilliant orange	PO67	Pyrazolochinazolone	74336-59-7
13216	translucent orange	PO71	Diketo-pyrrolo-pyrrol	71832-85-4
13317	cadmium red light	PO20	Cadmium sulfo-selenide	12656-57-4
13318	vermilion red	PR255	Diketo-pyrrolo-pyrrol	120500-90-5
13319	madder brilliant	PR207	Quinacridone	-
13320	cadmium red medium	PR108	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
13321	carmine	PR254; PR264	Diketo-pyrrolo-pyrrol; Diketo-pyrrolo-pyrrol	122390-98-1; -
13322	cadmium red deep	PR108	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
13323	ruby	PR264	Diketo-pyrrolo-pyrrol	-
13324	alizarine crimson hue	PR179	Perylen	5521-31-3
13325	quinacridone red	PV19	Quinacridone	1047-16-1
13326	quinacridone magenta	PR122	Quinacridone	980-26-7
13327	magenta	PR122; PW6	Quinacridone; Titanium dioxide	980-26-7; 13463-67-7
13328	quinacridone violet	PV19	Quinacridone	1047-16-1
13329	blue violet	PV23; PV19; PW6	Dioxazine; Quinacridone; Titanium dioxide	6358-30-1; 1047-16-1; 13463-67-7
13330	translucent violet	PV23	Dioxazine	6358-30-1
13431	indigo	PB60; PV19; PBk10	Indanthrone; Quinacridone; Crystallized carbon	81-77-6; 1047-16-1; 7782-42-5
13432	Delft blue	PB60	Indanthrone	81-77-6
13433	ultramarine blue	PB29	Sodium aluminum silicate	57455-37-5
13434	cobalt blue deep	PB28; PB60	Spinel (Co, Al); Indanthrone	1345-16-0; 81-77-6
13435	cobalt blue light	PB28	Spinel (Co, Al)	1345-16-0
13436	royal blue	PW6; PB28	Titanium dioxide; Spinel (Co, Al)	13463-67-7; 1345-16-0
13437	oriental blue	PB15:1; PV23; PW6	Phthalocyanine (Cu); Dioxazine; Titanium dioxide	147-14-8; 6358-30-1; 13463-67-7
13438	phthalo blue red shade	PB15:6; PB15:2	Phthalocyanine (Cu); Phthalocyanine (Cu)	147-14-8; 147-14-8
13439	phthalo blue cyan	PB15:3	Phthalocyanine (Cu)	147-14-8

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PRIMAcril®

art.nr.	art.name	C.I.		CAS-nr.
13440	Prussian blue	PB60; PB15:1; PBk7	Indanthrone; Phthalocyanine (Cu); Lamp black	81-77-6; 147-14-8; 1333-86-4
13453	manganese cerulean blue	PB15:3; PB16; PW6	Phthalocyanine (Cu); Phthalocyanine; Titanium dioxide	147-14-8; 574-93-6; 13463-67-7
13454	cerulean blue	PB15:3; PB16; PW6	Phthalocyanine (Cu); Phthalocyanine; Titanium dioxide	147-14-8; 574-93-6; 13463-67-7
13455	phthalo turquoise	PB16	Phthalocyanine	574-93-6
13456	cobalt turquoise	PG50	Spinel (Co, Ni, Zn, Ti)	68186-85-6
13457	aquamarine	PG36; PB15:3; PW6	Phthalocyanine complex (Cu, Cl, Br); Phthalocyanine (Cu); Titanium dioxide	14302-13-7; 147-14-8; 13463-67-7
13561	turmaline green	PG26	Spinel (Co,Cr)	68187-49-5
13562	chromium oxide green brilliant	PG18	Hydrated chromium oxide	12001-99-9
13563	phthalo green blue shade	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
13564	phthalo green yellow shade	PG36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
13565	oriental green	PG19	Spinel (Co, Zn)	8011-87-8
13566	olive green	PY184; PG7; PY42	Bismuth vanadate; Phthalocyanine (Cu, Cl); Hydrated iron oxide	14059-33-7; 1328-53-6; 20344-49-4
13567	permanent green light	PY184; PG7	Bismuth vanadate; Phthalocyanine (Cu, Cl)	14059-33-7; 1328-53-6
13568	vanadium green	PY184; PG36	Bismuth vanadate; Phthalocyanine complex (Cu, Cl, Br)	14059-33-7; 14302-13-7
13569	yellowish green	PY42; PG36; PY74	Hydrated iron oxide; Phthalocyanine complex (Cu, Cl, Br); Monoazo	20344-49-4; 14302-13-7; 6358-31-2
13570	sap green	PB60; PY150	Indanthrone; Azo-nickel-complex	81-77-6; 68511-62-6
13571	natural green earth	PBk7	Lamp black	1333-86-4
13672	Naples yellow light	PBr24; PY53	Rutile (Ti, Cr, Sb); Rutile (Ti, Ni, Sb)	68186-90-3; 8007-18-9
13673	Naples yellow deep	PBr24	Rutile (Ti, Cr, Sb)	68186-90-3
13674	translucent golden yellow	PY150	Azo-nickel-complex	68511-62-6
13675	light ochre	PY42	Hydrated iron oxide	20344-49-4
13676	iron oxide yellow	PY42	Hydrated iron oxide	20344-49-4
13677	raw umber	PBr7	Earth pigment	-
13678	Sienna	PY42; PR101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
13679	burnt Sienna	PR101	Iron oxide	1309-37-1
13680	red iron oxide	PR101	Iron oxide	1309-37-1
13681	madder brown	PR206	Quinacridone	1047-16-1; 1503-48-6
13682	translucent brown oxide	PR101	Iron oxide	1309-37-1
13683	brown iron oxide	PBr6	Brown coal	72669-22-8
13684	natural burnt umber	PBr7	Earth pigment	-
13685	Vandyke brown	PR101; PBk7	Iron oxide; Lamp black	1309-37-1; 1333-86-4
13786	ivory	PY42; PG17; PW6	Hydrated iron oxide; Hematite (Cr); Titanium dioxide	20344-49-4; 1308-38-9; 13463-67-7
13787	flesh tint	PW6; PY119	Titanium dioxide; Spinel (Zn, Fe)	13463-67-7; 68186-90-3
13788	pale grey	PY42; PW6; PBk6	Hydrated iron oxide; Titanium dioxide; Lamp black	20344-49-4; 13463-67-7; 1333-86-4
13789	neutral grey	PG17	Hematite (Cr)	1308-38-9
13790	Schmincke payne's grey	PR101; PB29; PBk7	Iron oxide; Sodium aluminum silicate; Lamp black	1309-37-1; 57455-37-5; 1333-86-4
13791	atrament black	PBk31	Perylene	67075-37-0
13792	ivory black	PBk9	Am. carbonized bones of animals	8021-99-6
13793	black	PBk11; PBk7	Iron oxide black; Lamp black	1317-61-9; 1333-86-4

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PRIMAcryl®

art.nr.	art.name	C.I.	CAS-nr.
13895	silver	Mlca	-
13896	classic gold	Mlca	-
13897	antique gold	Mlca	-
13898	renaissance gold	Mlca	-
13899	rose gold	Mlca	-