

EU SAFETY DATA SHEET

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

series 13 - PRIMAcryl

Article No.
version 2 (12.04.06)

Date of issue: 12.12.12
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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

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

General use
finest artists' acrylic colours for artistic painting techniques

Uses advised against

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Str. 2
40699 Erkrath
www.schmincke.de
.
tel.: +49 (0) 211 / 25 09 - 0
fax: +49 (0) 211 / 25 09 - 461
.
INFORMING DEPARTMENT:
Schmincke-lab: mo.-th. 8.00-16.00; fr. 8.00-13.30
tel.: +49 (0) 211 / 2509 - 474
eMail: labor@schmincke.de

1.4 Emergency telephone number

Emergency
Information
Phone #

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

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

no hazard labelling required

2.2 Label elements

Labelling (CLP)

signal word

Hazard Statements

Safety precautions

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

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Nature of Hazard

no hazard labelling required

R phrase(s)

S phrase(s)

2.3 Other hazards

SECTION 3: Composition/ information on ingredients

3.1 Substances

chemical characterization

pigments additives acrylic resin

CAS-Number
EINECS / ELINCS / NLP
EU-number
Customs tariff number
REACH registration No.
RTECS-Number

3.2 Mixtures

Additional information

The colour 13 100 contains zinc oxide. (see separate safety data sheet)
The colours 13 207, 211, 213, 214, 317, 320, 322, 911, 922 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

No special measures are required.

After inhalation

In case of skin contact

After eye contact

After swallowing

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

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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

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

Take up mechanically. Wash spill area with plenty of water.

6.4 Reference to other sections

Dispose of waste according to applicable legislation. refer to chapter 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

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

eye protection

Body protection

General protection and hygiene measures

8.1 Control parameters

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Physical state

paste (PRIMAcryl) / liquid (PRIMAcryl fluid)

Colour

pigmented

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Odour weak

Important health, safety and environmental information

boiling temperature / boiling range
melting point / melting range
Flash point / flash point range
flammability
ignition temperature
Autoflammability
explosion limits
Refraction index

Vapour pressure
density

1,1 -
1,6 g/ml

pH value

8 -
10

Partition coefficient
n-octanol / water
Explosive properties

Viscosity

Viscosity dynamic of
Viscosity kinematic of

Viscosity dynamic up to
Viscosity kinematic up to

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

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

After 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

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General remarks

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity
Water Hazard Class
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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number 080112
Waste paint and varnish other than those mentioned in 080111 (waste paint and varnish containing organic solvents or other dangerous substances).
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

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14.4 Packing group

14.5 Environmental hazards

Subrisk

14.6 Special precautions for user

Land transport

Code: ADR/RID

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

Hazard label

Limited quantities

Transport permitted

Equipment necessary

ventilation

Remarks

EQ

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

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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

Incident regulation

Informations on working limitations

Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

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 remarks

R phrase(s)

Hazard Statements

(CLP)

Further remarks

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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

Reason of change

Additional information

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

PRIMAcril® finest artists' acrylic colours

13 100	zinc white	PW 4	Zinc oxide	1314-13-2
13 101	titanium white	PW 6	Titanium dioxide	13463-67-7
13 102	heavy body white	PW 6	Titanium dioxide	13463-67-7
13 203	Medieval yellow	PW 6; PY 53; PG 19	Titanium dioxide; Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	13463-67-7; 8007-18-9; 8011-87-8
13 204	titanium yellow green shade	PY 53; PG 19	Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	8007-18-9; 8011-87-8
13 205	lemon yellow	PY 3	Monoazo	6486-23-3
13 206	vanadium yellow light	PY 184	Bismuth vanadate	14059-33-7
13 207	cadmium yellow light	PY 35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
13 208	titanium yellow	PW 6; PY 53; PY 155	Titanium dioxide; Rutile (Ti, Ni, Sb); Disazo	13463-67-7; 8007-18-9; 68516-73-4
13 209	brilliant yellow	PY 154	Benzimidazolone	68134-22-5
13 210	vanadium yellow deep	PY 184	Bismuth vanadate	14059-33-7
13 211	cadmium yellow medium	PY 35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
13 212	Indian yellow	PY 153	Nickel-complex	68859-51-8
13 213	cadmium yellow deep	PO 20	Cadmium sulfo-selenide	12656-57-4
13 214	cadmium orange	PO 20	Cadmium sulfo-selenide	12656-57-4
13 215	brilliant orange	PO 67	Pyrazolochinazolone	74336-59-7
13 216	translucent orange	PO 71	Diketo-pyrrolo-pyrrol	-
13 317	cadmium red light	PO 20	Cadmium sulfo-selenide	12656-57-4
13 318	cadmium red light	PR 255	Diketo-pyrrolo-pyrrol	120500-90-5
13 319	cadmium red light	PR 209	Quinacridone	3089-16-5
13 320	cadmium red light	PR 108	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
13 321	carmine	PW 6; PR 254; PV 19	Titanium dioxide; Diketo-pyrrolo-pyrrol; Quinacridone	13463-67-7; 122390-98-1; 1047-16-1
13 322	cadmium red deep	PR 108	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
13 323	ruby	PR 254; PV 19	Diketo-pyrrolo-pyrrol; Quinacridone	122390-98-1; 1047-16-1
13 324	alizarine crimson hue	PR 179	Perylen	5521-31-3
13 325	quinacridone red	PV 19	Quinacridone	1047-16-1
13 326	quinacridone magenta	PR 122	Quinacridone	980-26-7
13 327	magenta	PW 6; PR 122	Titanium dioxide; Quinacridone	13463-67-7; 980-26-7
13 328	quinacridone violet	PV 19	Quinacridone	1047-16-1
13 329	blue violet	PW 6; PV 19; PV 23	Titanium dioxide; Quinacridone; Dioxazine	13463-67-7; 1047-16-1; 6358-30-1
13 330	translucent violet	PV 23	Dioxazine	6358-30-1
13 431	indigo	PR 101; PB 60	Iron oxide; Indanthrone	1309-37-1; 81-77-6
13 432	Delft blue	PB 60	Indanthrone	81-77-6
13 433	ultramarine blue	PB 29	Sodium aluminum silicate	57455-37-5
13 434	cobalt blue deep	PB 74	Phenacite (Co, Zn, Si)	68412-74-8
13 435	cobalt blue light	PB 28	Spinel (Co, Al)	1345-16-0
13 436	royal blue	PW 4; PW 6; PB 28	Zinc oxide; Titanium dioxide; Spinel (Co, Al)	1314-13-2; 13463-67-7; 1345-16-0
13 437	oriental blue	PW 6; PV 23; PB 15:1	Titanium dioxide; Dioxazine; Phthalocyanine (Cu)	13463-67-7; 6358-30-1; 147-14-8
13 438	phthalo blue red shade	PB 15:6	Phthalocyanine (Cu)	147-14-8
13 439	phthalo blue cyan	PB 15:3	Phthalocyanine (Cu)	147-14-8

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PRIMAcril® finest artists' acrylic colours

13 440	Prussian blue	PB 15:1; PB 60; PBk 7	Phthalocyanine (Cu); Indanthrone; Lamp black	147-14-8; 81-77-6; 1333-86-4
13 453	manganese cerulean blue	PW 6; PB 15:3; PB 16	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine	13463-67-7; 147-14-8; 574-93-6
13 454	cerulean blue	PW 6; PB 15:3; PB 16	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine	13463-67-7; 147-14-8; 574-93-6
13 455	phthalo turquoise	PB 16	Phthalocyanine	574-93-6
13 456	cobalt turquoise	PG 50	Spinel (Co, Ni, Zn, Ti)	68186-85-6
13 457	aquamarine	PW 6; PB 15:3; PG 36	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine complex (Cu, Cl, Br)	13463-67-7; 147-14-8; 14302-13-7
13 561	turmaline green	PG 26	Spinel (Co,Cr)	68187-49-5
13 562	chromium oxide green brilliant	PG 18	Hydrated chromium oxide	12001-99-9
13 563	phthalo green blue shade	PG 7	Phthalocyanine (Cu, Cl)	1328-53-6
13 564	phthalo green yellow shade	PG 36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
13 565	oriental green	PG19	Phthalocyanine (Cu, Cl)	1328-53-6
13 566	olive green	PY 42; PY 185; PG 7	Hydrated iron oxide; Bismuth vanadate; Phthalocyanine (Cu, Cl)	20344-49-4; 14059-33-7; 1328-53-6
13 567	permanent green light	PY 184; PG 7	Bismuth vanadate; Phthalocyanine (Cu, Cl)	14059-33-7; 1328-53-6
13 568	vanadium green	PY 184; PG 36	Bismuth vanadate; Phthalocyanine complex (Cu, Cl, Br)	14059-33-7; 14302-13-7
13 569	yellowish green	PY 42; PY 74; PG 36	Hydrated iron oxide; Monoazo; Phthalocyanine complex (Cu, Cl, Br)	20344-49-4; 6358-31-2; 14302-13-7
13 570	sap green	PY 150; PB 60	Azo-nickel-complex; Indanthrone	68511-62-6; 81-77-6
13 571	natural green earth	PBk 7	Lamp black	1333-86-4
13 672	Naples yellow light	PY 53; PBr 24	Rutile (Ti, Ni, Sb); Rutile (Ti, Cr, Sb)	8007-18-9; 68186-90-3
13 673	Naples yellow deep	PBr 24	Rutile (Ti, Cr, Sb)	68186-90-3
13 674	translucent golden yellow	PY 150	Azo-nickel-complex	68511-62-6
13 675	light ochre	PY 42	Hydrated iron oxide	20344-49-4
13 676	iron oxide yellow	PY 42	Hydrated iron oxide	20344-49-4
13 677	raw umber	PBr 7	Earth pigment	-
13 678	Sienna	PY 42; PR 101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
13 679	burnt Sienna	PR 101	Iron oxide	1309-37-1
13 680	red iron oxide	PR 101	Iron oxide	1309-37-1
13 681	madder brown	PR 206	Quinacridone	1047-16-1; 1503-48-6
13 682	translucent brown oxide	PR 101	Iron oxide	1309-37-1
13 683	brown iron oxide	PBr 6	Brown coal	72669-22-8
13 684	natural burnt umber	PBr 7	Earth pigment	-
13 685	Vandyke brown	PR 101; PBk 7	Iron oxide; Lamp black	1309-37-1; 1333-86-4
13 786	ivory	PW 6; PY 42; PG 17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
13 787	flesh tint	PW 6; PY 119	Titanium dioxide; Spinel (Zn, Fe)	13463-67-7; 68186-90-3
13 788	pale grey	PW 6; PY 42; PBk 6	Titanium dioxide; Hydrated iron oxide; Lamp black	13463-67-7; 20344-49-4; 1333-86-4
13 789	neutral grey	PG 17	Hematite (Cr)	1308-38-9
13 790	Schmincke Payne's grey	PR 101; PB 29; PBk 7	Iron oxide; Sodium aluminum silicate; Lamp black	1309-37-1; 57455-37-5; 1333-86-4
13 791	atrament	PBk 31	Perylene	67075-37-0
13 792	ivory black	PBk 9	Am. carbonized bones of animals	8021-99-6
13 793	black	PBk 7; PBk 11	Lamp black; Iron oxide black	1333-86-4; 1317-61-9
13 895	silver	PBk 10	Crystallized carbon	7782-42-5

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PRIMAcrlyl® finest artists' acrylic colours

13 896	classic gold
13 897	antique gold
13 898	renaissance gold
13 899	rose gold
