

# SAFETY DATA SHEET

MSDS for #09420 - PRIMACRYL Acrylic Regulation (EC) No. 1907/2006 (REACH)

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## series 13 - PRIMAcryl

Article No.	13101009	titanium white	Issue date:	05.12.19
Version	4.1	( 05.12.19 )	Page	1 / 7

### 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-labor:  
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) 30-30686700

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to EC regulation 1272/2008 (CLP)**

#### 2.2 Label elements

##### Labelling

##### Signal word

##### Hazard statements

no hazard labelling required

##### Safety precautions

##### Text for labelling (CLP)

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.  
Full text of biocides: see section 16.

#### 2.3 Other hazards

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

Item Numbers: 09420-1023, 09420-1043, 09420-1073, 09420-2023, 09420-2153, 09420-2253, 09420-2533, 09420-2543, 09420-2563, 09420-3043, 09420-3053, 09420-3093, 09420-3153, 09420-3203, 09420-3273, 09420-3393, 09420-3443, 09420-3733, 09420-3763, 09420-4063, 09420-4083, 09420-4093, 09420-4133, 09420-4163, 09420-4363, 09420-4523, 09420-4533, 09420-4593, 09420-4693, 09420-4783, 09420-4793, 09420-4833, 09420-4923, 09420-4933, 09420-4943, 09420-4953, 09420-4963, 09420-5053, 09420-5163, 09420-5173, 09420-5203, 09420-5213, 09420-5223, 09420-5233, 09420-5263, 09420-5333, 09420-5363, 09420-5373, 09420-5383, 09420-5393, 09420-5693, 09420-5893, 09420-5913, 09420-6513, 09420-6523, 09420-7073, 09420-7093, 09420-7153, 09420-7173, 09420-7263, 09420-7313, 09420-7333, 09420-7573, 09420-7673, 09420-7793, 09420-7833, 09420-7913, 09420-8043, 09420-8053, 09420-8073, 09420-8123, 09420-8273, 09420-8313, 09420-8413, 09420-8913, 09420-9113, 09420-9133, 09420-9143, 09420-9153, 09420-9333, 09420-2505

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### Chemical characterisation

pigments  
additives  
acrylic resin  
CAS-Number  
EINECS / ELINCS / NLP  
EU index number  
REACH registration No.  
Hazchem-Code  
CI-Number

### 3.2 Mixtures

### Additional information

The colour 13100 contains zinc oxide. (see separate safety data sheet)  
The colour 13681 contains quinacridone quinone. (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 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

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

#### Special protective equipment for firefighters

#### Additional information

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### 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

Wear eye/face protection.

##### 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

Form	paste (PRIMAcryl) / liquid (PRIMAcryl fluid)
Colour	pigmented
Odour	weak

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Initial boiling point and

min

max

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boiling range  
Melting point/freezing point  
Flash point/flash point range  
Flammability  
Ignition temperature  
Auto-ignition temperature  
Explosion limits  
Refraction index  
PH value  
Viscosity  
Viscosity

8 10

Vapour pressure  
Density

1,1 - 1,6  
g/ml

Partition coefficient: n-octanol/water

Danger of explosion

### 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

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

##### Water Hazard Class

##### WGK catalog number

##### General information

09420-1023, 09420-1043, 09420-1073, 09420-2023, 09420-2153, 09420-2253, 09420-2533, 09420-2543, 09420-2563, 09420-3043, 09420-3053, 09420-3093, 09420-3153, 09420-3203, 09420-3273, 09420-3283, 09420-3373, 09420-3393, 09420-3443, 09420-3733, 09420-3763, 09420-4063, 09420-4083, 09420-4093, 09420-4133, 09420-4163, 09420-4363, 09420-4523, 09420-4533, 09420-4593, 09420-4693, 09420-4783, 09420-4793, 09420-4833, 09420-4923, 09420-4933, 09420-4943, 09420-4953, 09420-4963, 09420-5053, 09420-5163, 09420-5173, 09420-5203, 09420-5213, 09420-5223, 09420-5233, 09420-5263, 09420-5333, 09420-5363, 09420-5373, 09420-5383, 09420-5393, 09420-5693, 09420-5893, 09420-5913, 09420-6513, 09420-6523, 09420-7073, 09420-7093, 09420-7153, 09420-7173, 09420-7263, 09420-7313, 09420-7333, 09420-7573, 09420-7673, 09420-7793, 09420-7833, 09420-7913, 09420-8043, 09420-8053, 09420-8073, 09420-8123, 09420-8273, 09420-8313, 09420-8413, 09420-8913, 09420-9113, 09420-9133, 09420-9143, 09420-9153, 09420-9333, 09420-2505

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### 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 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

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG

### 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

09420-1012, 09420-1019, 09420-1077, 09420-1093, 09420-2153, 09420-2253, 09420-2533, 09420-2543, 09420-2563, 09420-3043, 09420-3053, 09420-3093, 09420-3153, 09420-3203, 09420-3273, 09420-3283, 09420-3273, 09420-3393, 09420-3443, 09420-3733, 09420-3763, 09420-4063, 09420-4083, 09420-4093, 09420-4133, 09420-4163, 09420-4363, 09420-4523, 09420-4533, 09420-4593, 09420-4693, 09420-4783, 09420-4793, 09420-4833, 09420-4923, 09420-4933, 09420-4943, 09420-4953, 09420-4963, 09420-5053, 09420-5163, 09420-5173, 09420-5203, 09420-5213, 09420-5223, 09420-5233, 09420-5263, 09420-5363, 09420-5373, 09420-5383, 09420-5393, 09420-5693, 09420-5893, 09420-5913, 09420-6513, 09420-6523, 09420-7073, 09420-7093, 09420-7153, 09420-7173, 09420-7263, 09420-7313, 09420-7333, 09420-7573, 09420-7673, 09420-7793, 09420-7833, 09420-7913, 09420-8043, 09420-8053, 09420-8073, 09420-8123, 09420-8273, 09420-8313, 09420-8413, 09420-8913, 09420-9113, 09420-9133, 09420-9143, 09420-9153, 09420-9333, 09420-2505

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Portable tanks: Instructions  
Portable tanks: Special provisions  
Tank coding  
Tunnel restriction  
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  
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

Item numbers: 09420-1023, 09420-1043, 09420-1073, 09420-2023, 09420-2153, 09420-2253, 09420-2533, 09420-2543, 09420-2563, 09420-3043, 09420-3053, 09420-3093, 09420-3153, 09420-3203, 09420-3273, 09420-4083, 09420-4093, 09420-4133, 09420-4163, 09420-4363, 09420-4523, 09420-4533, 09420-4593, 09420-4693, 09420-4783, 09420-4793, 09420-4833, 09420-4923, 09420-4933, 09420-4943, 09420-4953, 09420-4963, 09420-5053, 09420-5163, 09420-5173, 09420-5203, 09420-5213, 09420-5223, 09420-5233, 09420-5263, 09420-5333, 09420-5363, 09420-5373, 09420-5383, 09420-5393, 09420-5693, 09420-5893, 09420-5913, 09420-6513, 09420-6523, 09420-7073, 09420-7093, 09420-7153, 09420-7173, 09420-7263, 09420-7313, 09420-7333, 09420-7573, 09420-7673, 09420-7793, 09420-7833, 09420-7913, 09420-8043, 09420-8053, 09420-8073, 09420-8123, 09420-8273, 09420-8313, 09420-8413, 09420-8913, 09420-9113, 09420-9133, 09420-9143, 09420-9153, 09420-9333, 09420-2505

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### 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).

#### 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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision

It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations

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**Appendix for material safety data sheet no.: 13 000 000**  
PRIMAcr<sup>®</sup>

art.nr.	art.name	C.I.	
13101	titanium white	PW6	Titanium dioxide
13102	heavy body white	PW6	Titanium dioxide
13203	Medieval yellow	PY53; PW6	Rutile (Ti, Ni, Sb); Titanium dioxide
13204	titanium yellow green shade	PY53; PG19	Rutile (Ti, Ni, Sb); Spinel (Co, Zn)
13205	lemon yellow	PY3	Monoazo
13206	vanadium yellow light	PY184	Bismuth vanadate
13207	cadmium yellow light	PY35	Cadmium-zinc-sulphide
13208	titanium yellow	PY53; PY155; PW6	Rutile (Ti, Ni, Sb); Disazo; Titanium dioxide
13209	brilliant yellow	PY154	Benzimidazolone
13210	vanadium yellow deep	PY184	Bismuth vanadate
13211	cadmium yellow medium	PY35	Cadmium-zinc-sulphide
13212	Indian yellow	PY110; PY154	Isoindolinone; Benzimidazolone
13213	cadmium yellow deep	PO20	Cadmium sulfo-selenide
13214	cadmium orange	PO20	Cadmium sulfo-selenide
13215	brilliant orange	PO67	Pyrazolochinazolone
13216	transparent orange	PO71	Diketo-pyrrolo-pyrrol
13317	cadmium red light	PO20	Cadmium sulfo-selenide
13318	vermilion red	PR255	Diketo-pyrrolo-pyrrol
13319	madder brilliant	PR207	Quinacridone
13320	cadmium red medium	PR108	Cadmium sulfo-selenide
13321	carmine	PR254; PR264	Diketo-pyrrolo-pyrrol; Diketo-pyrrolo-pyrrol
13322	cadmium red deep	PR108	Cadmium sulfo-selenide
13323	ruby	PR264	Diketo-pyrrolo-pyrrol
13324	alizarine crimson hue	PR179	Perylen
13325	quinacridone red	PV19	Quinacridone
13326	quinacridone magenta	PR122	Quinacridone
13327	magenta	PR122; PW6	Quinacridone; Titanium dioxide
13328	quinacridone violet	PV19	Quinacridone
13329	blue violet	PV23; PV19; PW6	Dioxazine; Quinacridone; Titanium dioxide
13330	transparent violet	PV23	Dioxazine
13431	indigo	PB60; PV19; PBk10	Indanthrone; Quinacridone; Crystallized carbon
13432	Delft blue	PB60	Indanthrone
13433	ultramarine blue	PB29	Sodium aluminum silicate
13434	cobalt blue deep	PB28; PB60	Spinel (Co, Al); Indanthrone
13435	cobalt blue light	PB28	Spinel (Co, Al)
13436	royal blue	PW6; PB28	Titanium dioxide; Spinel (Co, Al)
13437	oriental blue	PB15:1; PV23; PW6	Phthalocyanine (Cu); Dioxazine; Titanium dioxide
13438	phthalo blue red shade	PB15:6; PB15:2	Phthalocyanine (Cu); Phthalocyanine (Cu)
13439	phthalo blue cyan	PB15:3	Phthalocyanine (Cu)

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**Appendix for material safety data sheet no.: 13 000 000**  
**PRIMAcril®**

art.nr.	art.name	C.I.	
13440	Prussian blue	PB60; PB15:1; PBk7	Indanthrone; Phthalocyanine (Cu); Lamp black
13453	manganese cerulean blue	PB15:3; PB16; PW6	Phthalocyanine (Cu); Phthalocyanine; Titanium dioxide
13454	cerulean blue	PB15:3; PB16; PW6	Phthalocyanine (Cu); Phthalocyanine; Titanium dioxide
13455	phthalo turquoise	PB16	Phthalocyanine
13456	cobalt turquoise	PG50	Spinel (Co, Ni, Zn, Ti)
13457	aquamarine	PG36; PB15:3; PW6	Phthalocyanine complex (Cu, Cl, Br); Phthalocyanine (Cu); Titanium dioxide
13561	turmaline green	PG26	Spinel (Co,Cr)
13562	chromium oxide green brilliant	PG18	Hydrated chromium oxide
13563	phthalo green blue shade	PG7	Phthalocyanine (Cu, Cl)
13564	phthalo green yellow shade	PG36	Phthalocyanine complex (Cu, Cl, Br)
13565	oriental green	PG19	Spinel (Co, Zn)
13566	olive green	PY184; PG7; PY42	Bismuth vanadate; Phthalocyanine (Cu, Cl); Hydrated iron oxide
13567	permanent green light	PY184; PG7	Bismuth vanadate; Phthalocyanine (Cu, Cl)
13568	vanadium green	PY184; PG36	Bismuth vanadate; Phthalocyanine complex (Cu, Cl, Br)
13569	yellowish green	PY42; PG36; PY74	Hydrated iron oxide; Phthalocyanine complex (Cu, Cl, Br); Monoazo
13570	sap green	PB60; PY150	Indanthrone; Azo-nickel-complex
13571	natural green earth	PBr7	Earth pigment
13672	Naples yellow light	PBr24; PY53	Rutile (Ti, Cr, Sb); Rutile (Ti, Ni, Sb)
13673	Naples yellow deep	PBr24	Rutile (Ti, Cr, Sb)
13674	transparent golden yellow	PY150	Azo-nickel-complex
13675	light ochre	PY42	Hydrated iron oxide
13676	iron oxide yellow	PY42	Hydrated iron oxide
13677	raw umber	PBr7	Earth pigment
13678	Sienna	PY42; PR101	Hydrated iron oxide; Iron oxide
13679	burnt Sienna	PR101	Iron oxide
13680	red iron oxide	PR101	Iron oxide
13682	transparent brown oxide	PR101	Iron oxide
13683	brown iron oxide	PBr6	Iron oxide mix
13684	natural burnt umber	PBr7	Earth pigment
13685	Vandyke brown	PR101; PBk7	Iron oxide; Lamp black
13786	ivory	PY42; PG17; PW6	Hydrated iron oxide; Hematite (Cr); Titanium dioxide
13787	flesh tint	PW6; PY119	Titanium dioxide; Spinel (Zn, Fe)
13788	pale grey	PY42; PW6; PBk6	Hydrated iron oxide; Titanium dioxide; Lamp black
13789	neutral grey	PG17	Hematite (Cr)
13790	Schmincke Payne's grey	PR101; PB29; PBk7	Iron oxide; Sodium aluminum silicate; Lamp black
13791	atrament black	PBk31	Perylene
13792	ivory black	PBk9	Am. carbonized bones of animals
13793	black	PBk11; PBk7	Iron oxide black; Lamp black
13895	silver	Iriodin	Iriodin

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**Appendix for material safety data sheet no.: 13 000 000**  
PRIMAcryl®

art.nr.	art.name	C.I.	
13896	classic gold	Iriodin	Iriodin
13897	antique gold	Iriodin	Iriodin
13898	renaissance gold	Iriodin	Iriodin
13899	rose gold	Iriodin	Iriodin

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