



SAFETY DATA SHEET (SDS)

ULTRACRYL

Safety Data Sheet in accordance with Regulation (EC) No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878, in compliance with OSHA HCS

Print date 27.07.2026

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

1.1 Product identifier

Product name: **Ultracryl – Polyurethane-reinforced acrylic paint for artistic application**

Product code: 001–999

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

Relevant uses: For consumers and professional users [SU 21, SU 22]. PC-ART-1: Artist, craft and hobby paints.

Uses advised against: Not intended for cosmetic applications or areas with prolonged skin contact.

1.3 Details of the supplier of the safety data sheet

Alchroma GmbH

Hallbergstr. 4

66121 Saarbrücken

E-Mail: sdb@alchroma.com

1.4 Emergency telephone number

No additional emergency information available.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

None.

2.2 Label elements

None

Precautionary statements: P501: Dispose of contents/container in accordance with local regulations.





2.3 Other hazards

This product contains no substances classified as PBT or vPvB at or above 0.1%. Contains no endocrine disruptors pursuant to Regulation (EU) 2017/2100 or 2018/605.

NFPA rating (scale 0–4): Health 0, Fire 0, Reactivity 0.

HMIS rating (scale 0–4): Health 0, Fire 0, Reactivity 0.

Other hazards: None.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable (mixture).

3.2 Mixtures

Water-based acrylic-polyurethane hybrid dispersion consisting of pigments, resins and additives.





SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes. In cases of doubt or if symptoms persist, seek medical advice and show this Safety Data Sheet.

Inhalation. Move the affected person to fresh air. Allow to rest. Seek medical advice if symptoms persist.

Skin contact. Wash immediately with plenty of water and neutral soap. Remove contaminated clothing and shoes.

Eye contact. Gently rinse with lukewarm water for several minutes. Remove contact lenses if possible. Continue rinsing and seek medical advice if irritation persists.

Ingestion. Rinse mouth with water. Do not induce vomiting if large amounts have been ingested. Keep affected person at rest and consult a doctor.

4.2 Most important acute and delayed symptoms and effects

No acute or delayed health effects are expected under normal conditions of use.

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: Water spray, alcohol-resistant foam, carbon dioxide, dry powder.

5.2 Special hazards arising from the substance or mixture

The product is a water-based acrylic/PU dispersion and is not classified as flammable. In the event of fire, dense smoke as well as carbon monoxide, carbon dioxide and nitrogen oxides may be generated.

5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective equipment. Cool closed containers exposed to fire with water spray. Prevent run-off from entering drains and watercourses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Absorb spilled material with inert material (sand, universal absorbent) and transfer to suitable containers. For emergency responders: Use protective gloves and safety glasses (see Section 8).

6.2 Environmental precautions

Do not allow to enter surface water or groundwater.

6.3 Methods and material for containment and cleaning up

Contain the spilled product, absorb with absorbent material and wash the area with water and detergent.





6.4 Reference to other sections

For disposal see Section 13; for personal protective equipment see Section 8.

SECTION 7: Handling and storage

Handling:

Precautions for safe handling: No special measures required.

Fire and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage: No special requirements for storage rooms and containers; store in a cool, dark place.

Storage compatibility notes: Not required. Further storage conditions: Store cool and dark. Mix well before use; the product may settle and must be shaken until the agitators inside are working.

Storage class: 11. Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional notes on the design of technical installations: No further information; see Section 7.

Control parameters. Components with workplace-related limit values to be monitored: The product does not contain relevant quantities of substances with critical limit values that must be monitored in the workplace.

Additional workplace limit values for potential hazards during processing: general dust limit value.

PEL	Long-term value: 15* 5** mg/m ³ *Total dust **Respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *Total dust **Respirable fraction
TLV	Long-term value: 5* mg/m ³ *Inhalable fraction; E

**Regardless of paint type and/or brand:
Always wear respiratory protection when airbrushing.
Also, never lick brushes to point them, regardless of the paint brand!!!**



SECTION 9: Physical and chemical properties

Property	Value / Comment
Physical state	Liquid
Colour	Various, depending on colour shade
Odour	Mild, characteristic
Melting point/Freezing point	approx. -5 °C (water-based polymer)
Boiling point	approx. 100 °C
Flammability	Not applicable (water-based)
Flash point	> 100 °C (non-flammable)
Auto-ignition temperature	Not determined
Decomposition temperature	> 150 °C
pH value	7.5–8.5 (20 °C)
Viscosity, dynamic	50–500 mPa·s (ISO 2555, 20 °C)
Solubility in water	Miscible in all proportions
Partition coefficient n-octanol/water	Not applicable (mixture)
Vapour pressure	23 hPa at 20 °C (water)
Density	1.15 ± 0.05 g/cm ³ at 20 °C
Relative vapour density	Not determined
Particle characteristics	Not applicable (liquid)

SECTION 10: Stability and reactivity

10.1 Reactivity. No hazardous reactions under intended storage and use conditions.

10.2 Chemical stability. Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions. None known.

10.4 Conditions to avoid. Protect from frost below -5 °C and temperatures above 40 °C.

10.5 Incompatible materials. Strong acids, bases and oxidising agents.

10.6 Hazardous decomposition products. None under normal conditions; thermal decomposition may release CO, CO₂ and NO. Ultramarine Blue and Royal Blue: Contact with acids releases hydrogen sulphide (H₂S); at temperatures above 400 °C an exothermic reaction with release of sulphur dioxide (SO₂) may occur in the presence of air.





SECTION 11: Toxicological information

The mixture is not classified as hazardous. Data on relevant components indicate low acute toxicity.

Acute toxicity (oral, dermal, inhalation): Not classified based on available data. Skin corrosion/irritation: Not classified. Germ cell mutagenicity, carcinogenicity, reproductive toxicity, STOT, aspiration hazard: Not expected.

SECTION 12: Ecological information

12.1 Toxicity. The product is not classified as environmentally hazardous.

12.2 Persistence and degradability. The main polymer components are not readily biodegradable; the water fraction is inorganic.

12.3 Bioaccumulative potential. Low ($\log K_{ow} < 3$ for main components).

12.4 Mobility in soil. Dispersible in water

12.5 Results of PBT and vPvB assessment. This mixture contains no components ≥ 0.1 % assessed as PBT/vPvB.

12.6 Endocrine disrupting properties. None known.

12.7 Other adverse effects. None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / sludge. Dispose of as non-hazardous water-based paint in accordance with Directive 2008/98/EC. Suggested European Waste Code (EWC): 08 01 12 – waste paint and varnish other than those mentioned in 08 01 11.

Packaging. Empty containers may be recycled after thorough cleaning. Uncleaned packaging must be disposed of in the same way as the product.





SECTION 14: Transport information

Not regulated as dangerous goods under ADR/RID/IMDG/IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific to the mixture. The mixture is not subject to authorisation or restriction under REACH Annex XIV/XVII.

15.2 Chemical safety assessment. No chemical safety assessment has been carried out for this mixture.

SECTION 16: Other information

Issuing department of the SDS: Product Safety Department

Contact: Philipp Maitrot, sdb@alchroma.com

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Abbreviations and acronyms:

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail. ICAO: International Civil Aviation Organization. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. IMDG: International Maritime Dangerous Goods Code. DOT: US Department of Transportation. IATA: International Air Transport Association. EINECS: European Inventory of Existing Commercial Chemical Substances. ELINCS: European List of Notified Chemical Substances. CAS: Chemical Abstracts Service. NFPA: National Fire Protection Association. HMIS: Hazardous Materials Identification System. VOC: Volatile organic compounds. PBT: Persistent, bioaccumulative and toxic. vPvB: Very persistent and very bioaccumulative. NIOSH: National Institute for Occupational Safety. OSHA: Occupational Safety & Health. TLV: Threshold Limit Value. PEL: Permissible Exposure Limit. REL: Recommended Exposure Limit.

* Data changed compared to previous version.

