

SAFETY DATA SHEET



Anchor Pro Plus

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 01.08.2015

Revision date 29.07.2020

1.1. Product identifier

Product name Anchor Pro Plus

UFI 5XR2-Y0UQ-X007-RSKJ

Article no. 15520

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

Product group PROFESSIONAL ADHESIVE & SEALANT SYSTEM

Use of the substance / mixture 2K Chemical anchor system

Professional use Yes

Consumer use No

1.3. Details of the supplier of the safety data sheet**Supplier**

Company name VEIDEC AB

Office address Videvägen 9

Postal address Videvägen 9

Postcode 247 64

City Veberöd

Country Sweden

Telephone number +46 46 238900

Fax +46 46 23 89 09

Email nina.mandahl@veidec.se

Website www.veidec.com

Contact person Nina Mandahl

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Sens. 1; H317 Eye Irrit. 2; H319
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2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	2,2'-ethylenedioxydiethyl dimethacrylate, methacrylic acid, monoester with propane-1,2-diol, Dibenzoyl peroxide
Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
Precautionary statements	P280 Wear protective gloves/eye protection. P261 Avoid breathing vapours. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Other hazards	No information.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
2,2'-ethylenedioxydiethyl dimethacrylate	CAS No.: 109-16-0 EC No.: 203-652-6 REACH Reg. No.: 01-2119969287-21	Skin Sens. 1; H317	3 - 10 %	
methacrylic acid, monoester with propane-1, 2-diol	CAS No.: 27813-02-1 EC No.: 248-666-3 REACH Reg. No.: 01-2119490226-37	Eye Irrit. 2; H319 Skin Sens. 1; H317	3 - 10 %	
Dibenzoyl peroxide	CAS No.: 94-36-0 EC No.: 202-327-6 Index No.: 617-008-00-0 REACH Reg. No.: 01-2119511472-50	Org. Perox. B; H241; Eye Irrit. 2; H319; Skin Sens. 1; H317;	1 - 3 %	
p-Benzoquinone	CAS No.: 106-51-4	Acute tox. 3; H331;	< 1 %	

	EC No.: 203-405-2 Index No.: 606-013-00-3 REACH Reg. No.: 01-2120769514-47	Acute tox. 3; H301; Eye Irrit. 2; H319; STOT SE 3; H335; Skin Irrit. 2; H315; Aquatic Acute 1; H400; M-factor 10;	
1,1'-(p-tolylimino) dipropan-2-ol	CAS No.: 38668-48-3 EC No.: 254-075-1 REACH Reg. No.: 01-2119980937-17	Acute Tox. 2; H300 Eye Irrit. 2; H319 Aquatic Chronic 3; H412	< 1 %
Remarks, substance	The full text for all hazard statements is displayed in section 16.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Get medical attention if any discomfort continues.
Inhalation	Fresh air.
Skin contact	Take off contaminated clothing and wash before reuse.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth thoroughly.

4.2. Most important symptoms and effects, both acute and delayed

General symptoms and effects	Splashes may irritate and cause redness.
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4.3. Indication of any immediate medical attention and special treatment needed

Separate first aid equipment	Ensure that eyewash stations are close to the workstation location.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon dioxide (CO ₂).
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5.3. Advice for firefighters

Fire fighting procedures	Follow the general fire precautions indicated by the workplace.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Ventilate well.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains, water courses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Containment	Not relevant.
Clean up	No specific clean-up procedure noted.

6.4. Reference to other sections

Additional information	For personal protection, see section 8. For waste disposal, see section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide good ventilation.
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Protective safety measures

Advice on general occupational hygiene	Wash at the end of each work shift and before eating, smoking and using the toilet.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in a well-ventilated place. Keep cool.
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Conditions for safe storage

Technical measures and storage conditions	No special precautions.
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7.3. Specific end use(s)

Specific use(s)	No recommendation given.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Dibenzoyl peroxide	CAS No.: 94-36-0	Limit value (8 h) : 5 mg/m ³	
p-Benzoquinone	CAS No.: 106-51-4		

DNEL / PNEC

DNEL	Group: Professional Route of exposure: Long-term inhalation (systemic) Value: 39 mg/m ³ Comments: Dibenzoyl peroxide Group: Professional
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	<p>Route of exposure: Long-term dermal (systemic) Value: 13,3 mg/kg bw/day Comments: Dibenzoyl peroxide</p> <p>Group: Professional Route of exposure: Long-term dermal (local) Value: 0,034 mg/cm² Comments: Dibenzoyl peroxide</p>
Substance	2,2'-ethylenedioxydiethyl dimethacrylate
DNEL	<p>Group: Professional Route of exposure: Long-term dermal (local) Value: 13,9 mg/kg</p> <p>Group: Professional Route of exposure: Long-term inhalation (local) Value: 48,5 mg/m³</p>
Substance	methacrylic acid, monoester with propane-1,2-diol
DNEL	<p>Group: Professional Route of exposure: Long-term inhalation (systemic) Value: 14,7 mg/m³</p> <p>Group: Professional Route of exposure: Acute dermal (systemic) Value: 4,2 mg/kg bw/day</p> <p>Group: Consumer Route of exposure: Long-term inhalation (systemic) Value: 8,8 mg/m³</p> <p>Group: Consumer Route of exposure: Acute dermal (systemic) Value: 2,5 mg/kg bw/day</p> <p>Group: Consumer Route of exposure: Long-term oral (systemic) Value: 2,5 mg/kg bw/day</p>
Substance	1,1'-(p-tolylimino)dipropan-2-ol
DNEL	<p>Group: Professional Route of exposure: Long-term inhalation (systemic) Value: 2,47 mg/m³ Assessment factor: 10</p> <p>Group: Professional Route of exposure: Long-term dermal (systemic) Value: 0,7 mg/kg bw/day Assessment factor: 40</p> <p>Group: Consumer Route of exposure: Long-term oral (systemic) Value: 0,25 mg/kg bw/day Assessment factor: 80</p>
PNEC	Route of exposure: Freshwater

Value: 0,017 mg/l
Assessment factor: 1000
Route of exposure: Saltwater
Value: 0,002 mg/l
Assessment factor: 10000
Route of exposure: Sewage treatment plant STP
Value: 199,5 mg/l
Assessment factor: 10
Route of exposure: Freshwater sediments
Value: 0,163 mg/kg
Route of exposure: Saltwater sediments
Value: 0,016 mg/kg
Route of exposure: Soil
Value: 0,023 mg/kg

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	All handling to take place in well-ventilated area.
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Eye / face protection

Suitable eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
Additional eye protection measures	Ensure that eyewash stations are close to the workstation location.

Hand protection

Suitable gloves type	Chemical resistant gloves required for prolonged or repeated contact.
Suitable materials	Nitrile. Viton rubber (fluor rubber).
Breakthrough time	Value: > 8 hour(s)
Thickness of glove material	Value: > 0,4 mm

Skin protection

Suitable protective clothing	Not relevant.
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Respiratory protection

Recommended type of equipment	Under normal conditions of use respiration protection should not be required.
Recommended respiratory protection	Mask type: In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Paste.
Colour	Grey.
Odour	Characteristic.
pH	Comments: Not relevant.
Freezing point	Reason for waiving data: No data.
Boiling point / boiling range	Reason for waiving data: No data.
Flash point	Reason for waiving data: Not applicable
Flammability	This product is not flammable.
Explosion limit	Reason for waiving data: Not applicable
Vapour pressure	Reason for waiving data: Not applicable
Density	Value: 1,7 g/cm ³
Solubility	Comments: Insoluble in water.
Auto-ignition temperature	Reason for waiving data: Not applicable
Viscosity	Reason for waiving data: Not applicable
Oxidising properties	Does meet the criteria for oxidising.

9.2. Other information

Physical hazards

Content of VOC	Value: 0,66 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No specific conditions are likely to result in a hazardous situation.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data recorded.
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10.4. Conditions to avoid

Conditions to avoid	No recommendation given.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong oxidising substances.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	Effect tested: LD50
	Route of exposure: Oral
	Value: 2000 mg/kg
	Species: Rat
	Comments: Dibenzoyl peroxide
	Effect tested: LD50
	Route of exposure: Inhalation (vapour)
	Value: 24,3 mg/kg
	Species: Rat
	Comments: Dibenzoyl peroxide
	Effect tested: LD50
	Route of exposure: Oral
	Value: 25 mg/kg
	Species: Mouse
	Comments: p-Benzoquinone
	Effect tested: LD50
	Route of exposure: Oral
	Value: 130 mg/kg
	Species: Rat
	Comments: p-Benzoquinone

Substance	1,1'-(p-tolylimino)dipropan-2-ol
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Acute toxicity	Effect tested: LD50
	Route of exposure: Oral
	Value: 25 mg/kg
	Animal test species: Rat

Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of skin corrosion / irritation, classification	Based on available data, the classification criteria are not met.
Assessment of eye damage or irritation, classification	Causes serious eye irritation.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	May cause an allergic skin reaction.
Eye contact	Direct contact may irritate.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.
Assessment of carcinogenicity, classification	Based on available data, the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data, the classification criteria are not met.

Assessment of specific target organ toxicity - single exposure, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - repeated exposure, classification	Based on available data, the classification criteria are not met.
Assessment of aspiration hazard, classification	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	There are no data on the ecotoxicity of this product.
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12.2. Persistence and degradability

Persistence and degradability description/evaluation	There are no data on the degradability of this product.
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12.3. Bioaccumulative potential

Bioaccumulation, comments	The product is not bioaccumulating.
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12.4. Mobility in soil

Mobility	The product is insoluble in water.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
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12.6. Other adverse effects

Additional ecological information	Not relevant.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWC waste code	EWC waste code: 080409 waste adhesives and sealants containing organic solvents or other dangerous substances Classified as hazardous waste: Yes
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SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

Comments	Not relevant.
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14.2. UN proper shipping name

Comments	Not relevant.
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14.3. Transport hazard class(es)

Comments	Not relevant.
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14.4. Packing group

Comments	Not relevant.
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14.5. Environmental hazards

ADR/RID/ADN	Not relevant.
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14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Legislation and regulations	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.</p>
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15.2. Chemical safety assessment

Chemical safety assessment	Not relevant.
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Exposure scenario comments	Not relevant.
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>H241 Heating may cause a fire or explosion.</p> <p>H300 Fatal if swallowed.</p> <p>H301 Toxic if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H331 Toxic if inhaled.</p>
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	H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
CLP classification, comments	H317 H319 Calculation method.
Revision justification	Change in composition of the mixture (addition, deletion, substitution of component).
Information added, deleted or revised	P 1 (UFI), 2, 3, 8, 9, 11, 12, 13 (EWC)
Version	4
Prepared by	Nina Mandahl