

# Safety data sheet

## Cobra x pro

Version 2.0

Effective date: 12-12-2018

Revised date: 17-01-2023

# COBRAX<sup>®</sup>PRO

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product identifier.

**Trade name:** Crack Resin.  
10 x 0,15, 3, 5, 10, 20, 50 ml.

**UFI:** F800-X0A8-Q00G-TRQN

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

**Product use:** UV Resin.

### 1.3 Details of the Supplier of the safety data sheet.

**Company:** WIBOTEC A/S  
Poul Larsens Vej 10 c  
8600 Silkeborg  
Denmark  
Tel.: +4587251120  
www.wibotec.com

**Contact:** mail@wibotec.com

### 1.4 Emergency telephone number:

Use your local Emergency number.  
UK: Contact The National Poisons Information Service (dial 111, 24 h service).

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture according to CLP No 1272/2008/GB CLP.

Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Dam. 1; H318, STOT SE 3; H335, Aquatic Chronic 2; H411.

### 2.2 Label Elements according to CLP No 1272/2008/GB CLP.

#### Hazard pictograms:



#### Signal word:

Danger

**Contains:** 1,7,7-trimethylbicyclo,2,2,1,hept-2-yl,acrylate, 2-hydroxyethyl methacrylate, decylacrylat, octylacrylat, Silan Coupling Agent

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### Hazard statements:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements:

General:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Prevention:

P271 Use only outdoors or in a well-ventilated area.

P280 Wear gloves/eye protection.

Response:

P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage:

-

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

### Additional information:

-

### 2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance:** The product is a mixture.

### 3.2 Mixture:

CAS/EC No	REACH No	Name	Content %	Classification
5888-33-5 / 227-561-6	-	1,7,7-trimethylbicyclo,2,2,1,hept-2-yl,acrylate	40-60	Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 2 H315, H317, H319, H335, H411.
868-77-9 / 212-782-2	-	2-hydroxyethyl methacrylate	25-40	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1. H315, H317, H319.

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2499-59-4 / 219-696-4	-	Octylacrylat	5<10	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3. H315, H319, H335.
2156-96-9 / 218-462-9	-	Decylacrylat	5<10	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 2. H315, H319, H335, H411.
- / -	-	Silan Coupling Agent	2,5<5	Eye Dam. 1; H318.
- / -	-	Photoinitiator	2,5<5	Not classified
79-10-7 / 201-177-9	-	Acrylic acid <sup>**/**</sup>	2,5<5	Flam. Liq. 3, Acute Tox. 4, STOT SE 3, Skin. Corr. 1A, Aquatic Acute 1. H226, H302, H312, H314, H332, H335, H400.

\*Organic solvent

\*\* Specific concentration limits – CAS 79-10-7 Acrylic acid:  
STOT SE 3; H335: C ≥ 1 %.

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

#### General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation:

Bring the person into fresh air and stay with him/her.

#### Skin contact:

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact:

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

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### Ingestion:

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

### 4.2 Most important symptoms and effects, both acute and delayed:

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### 4.3 Indication of any immediate medical attention and special treatment needed:

IF exposed or concerned: Get immediate medical advice/attention. Treat symptomatically. Bring this safety data sheet.

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.

**Unsuitable extinguishing media:**

Waterjets should not be used, since they can spread the fire.

### 5.2 Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment, see section 8.

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances.

### 6.2 Environmental precautions:

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

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### 6.3 Methods and material for containment and cleaning up:

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4 Reference to other sections:

See section 8 for personal protection.

See section 13 for disposal.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

See section 8 for personal protection.

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

### 7.2 Conditions for safe storage, including any incompatibilities:

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters - Occupational exposure limits EH-40 (Great Britain):

Contains no substances with occupational exposure limits.

### DNEL / PNEC:

-

### 8.2 Exposure controls.

#### Appropriate technical measures:

Airborne concentrations, must be kept lowest possible. In case the air streams in the work room is not sufficient, use for example local exhaust ventilation systems.

#### General information / Hygiene measures:

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Make sure that eyewash station is available.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

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### Respiratory protection:

If ventilation at the work place is insufficient, use a half- or full mask with an appropriate filter or an air-supplied breathing apparatus depending on the specific work situation and how long you will be using the product.

### Hand protection:

Wear protective gloves. The specific work situation is unknown. Contact the suppliers of the gloves for further advice regarding the appropriate glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.  
Option: Nitrile gloves  $\geq 480$  min.

### Eye protection:

Wear safety glasses with side shields. EN 166.

### Body protection:

Wear impervious clothing.

### Measures to avoid environmental exposure:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties.

Physical state:	Liquid
Colour:	Transparent
Odour:	Characteristic
Melting point/freezing point:	Not relevant/no data
Boiling point:	Not relevant/no data
Flammability:	Not relevant/no data
Lower and upper explosion limit:	Not relevant/no data
Flash point:	Not relevant/no data
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	Not relevant/no data
pH:	Not relevant/no data
Viscosity:	11 cP - 40°C
Solubility:	Soluble in water
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	Not relevant/no data
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

### 9.2 Other information:

No data available.

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## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability:** The product is stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** None known if used and storage as recommended.
- 10.4 Conditions to avoid:** Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
- 10.5 Incompatible materials:** Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
- 10.6 Hazardous decomposition products:** None if used as recommended, see section 1.2.

## SECTION 11. TOXICOLOGICAL INFORMATION

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

- Acute toxicity:** Not classified.
- Skin corrosion/irritation:** Causes skin irritation.
- Serious eye damage/irritation:** Causes serious eye damage.
- Respiratory or skin sensitization:** May cause an allergic skin reaction.
- Germ cell mutagenicity:** Not classified.
- Carcinogenicity:** Not classified.
- Reproductive toxicity:** Not classified.
- Specific target organ toxicity - single exposure:** May cause respiratory irritation.
- Specific target organ toxicity – repeated exposure:** Not classified.
- Aspiration hazard:** Not classified.

### 11.2 Information on other hazards:

- Endocrine disrupting properties:** The product/substance has no endocrine disrupting properties.

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### Additional information:

Long term effects:

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

Substance: acrylic acid

Species: Algae

Test: EC50

Duration: 96 h

Result: 0,17 mg/l

Substance: acrylic acid

Species: Algae

Test: EC50

Duration: 72 h

Result: 0,04 mg/l

Substance: acrylic acid

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 95 mg/l

Substance: acrylic acid

Species: Fish

Test: LC50

Duration: 96 h

Result: 222 mg/l

Substance: Photoinitiator

Species: Algae

Test: EC50

Duration: 72 h

Result: 14,4 mg/l

Substance: Photoinitiator

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 53,9 mg/l

### 12.2 Persistence and degradability:

No data available.

### 12.3 Bioaccumulative potential:

No data available.

### 12.4 Mobility in soil:

No data available.



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### 12.5 Result of PBT and vPvB assessment:

The product does not meet the criteria for PBT or vPvB.

### 12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

### 12.7 Other adverse effects:

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

### Contaminated packing:

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14. TRANSPORT INFORMATION

This product is classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	3082	3082
14.2 UN proper shipping name	ENVIRONMETALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,7,7-trimethylbicyclo,2,2,1,hept-2-yl,acrylate)	ENVIRONMETALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,7,7-trimethylbicyclo,2,2,1,hept-2-yl,acrylate)
14.3 Transport hazard class(es)	9	9
14.4 Packing group	III	III
14.5 Environmental hazards – MP EMS:	Yes F-A, S-F	Yes F-A, S-F
Other informations	LQ: 5 L. Tunnel E	LQ: 5 L. Tunnel E

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### 14.6 Special precautions for user:

Not relevant.

### 14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

## SECTION 15. REGULATORY INFORMATION

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

#### Sources:

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

#### Additional information:

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

### 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

#### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

#### Revised 17-01-2023 section:

2, 3, 8, 9, 11, 12, 13, 14, 15, 16.

#### Validated by:

SRS

[www.msds-eu.com](http://www.msds-eu.com)