



2.2 Label elements

**Labelling CLP:**



Signal word

**Warning**

Hazard statements

H317  
H319  
H412

May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful to aquatic life with long-lasting effects.

Precautionary statements

P101  
P102  
P261  
P273  
P280  
  
P302+P352  
P305+P351+P338

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN: Wash with plenty of water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

Special labelling

Contains: HYDROXYPROPYL METHACRYLATE



Supplementary precautionary statements

P264	Wash contaminated skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

This substance is not classified as PBT or vPvB according to current EU criteria.

**3 Composition/information on ingredients**

3.2 Mixtures

Hazardous ingredients

Ingredient	Designation	Content	Classification
CAS number: 27813-02-1 EC number: 248-666-3 REACH registration number: 01-2119490226-37-XXXX	HYDROXYPROPYL METHACRYLATE	60 - 100 %	Eye Irrit. 2 - H319 Skin Sens. 1 - H317
CAS number: 215-657-0 EC number: 1338-02-9	COPPER NAPHTHENATE	< 1 %	Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410  M factor (acute) = 1 M factor (chronic) = 1
CAS number: 22221-10-9 EC number: 244-846-0	2-ETHYLHEXANOIC ACID, COPPER SALT	< 1 %	Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410  M factor (acute) = 1 M factor (chronic) = 1

The full text for all hazard statements is displayed in Section 16.



## **4 First aid measures**

### **4.1 Description of first aid measures**

After inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
After swallowing	Rinse mouth thoroughly with water. Drink a few glasses of water or milk. Do not induce vomiting. Get medical attention.
After skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
After eye contact	Remove any contact lenses and open eyelids wide apart. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Skin contact	Skin irritation, mild dermatitis, allergic skin rash.
Eye contact	Irritating and may cause redness and pain.

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

Notes for the doctor	No specific recommendations. Treat symptomatically.
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## **5 Fire-fighting measures**

### **5.1 Extinguishing media**

Suitable extinguishing media	Foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.



5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes. Nitrous gases (NOx). Carbon monoxide, carbon dioxide, and unknown hydrocarbons.

5.3 Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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**6 Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2 Environmental precautions

Environmental precautions	Not considered to be a significant hazard due to the small quantities used. Avoid discharge into drains.
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with sand or other inert absorbent. Transfer to suitable, labelled containers for disposal.
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6.4 Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see section 13.
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**7 Handling and storage**

7.1 Precautions for safe handling

Usage precautions	Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.
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## 8.2 Exposure controls

### Protection equipment



#### Appropriate engineering controls

Normal (mechanical) room ventilation should be adequate for small volumes. For higher volume activities, or if needed for worker comfort, local mechanical exhaust should be provided.

#### Eye/face protection

Use approved safety goggles or face shield. Personal eye protection should conform to EN 166.

#### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. Gloves should conform to EN 374. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. Thickness:  $\geq 0.4$  mm The selected gloves should have a breakthrough time of at least 0.5 hours. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. Thickness:  $\geq 0.4$  mm The selected gloves should have a breakthrough time of at least 8 hours. The breakthrough time for any glove material may be different for different glove manufacturers. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

#### Other skin and body protection

Uniforms, coveralls, or a lab coat should be worn.



Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated. Use of good industrial hygiene practices is required.
Respiratory protection	Ensure adequate ventilation of the working area. Respiratory protection may be required if excessive airborne contamination occurs. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Organic vapour filter, Type A (EN14387).

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	green
Odour	acrylic
Odour threshold	not available
pH	not relevant
Melting point	not available
Initial boiling point and range	not applicable
Flash point	> 100 °C
Evaporation rate	not available
Upper/lower flammability or explosive limits	not available
Vapour pressure	not available
Vapour density	not available
Relative density	1.0
Solubility(ies)	Slightly soluble in water. Soluble in the following materials: Organic solvents.
Auto-ignition temperature	not available
Decomposition Temperature	not available
Viscosity	≈ 7.5 mPa·s @ 25 °C
Oxidising properties	not available

### 9.2 Other information

Other information	not relevant
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## 10 Stability and reactivity

### 10.1 Reactivity

#### Reactivity

The following materials may react with the product:  
Strong oxidising agents

### 10.2 Chemical stability

#### Stability

Stable at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

#### Possibility of hazardous reactions

There are no known reactivity hazards associated with this product.

### 10.4 Conditions to avoid

#### Conditions to avoid

Stable at normal ambient temperatures and when used as recommended.

### 10.5 Incompatible materials

#### Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6 Hazardous decomposition products

#### Hazardous decomposition products

Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.



## 11 Toxicological information

### 11.1 Information on toxicological effects

#### Toxicological effects

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

#### Skin sensitisation

Skin sensitisation May cause sensitisation by skin contact.

#### Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

May cause an allergic skin reaction.

Eye contact

Irritating to eyes.

#### Toxicological information on ingredients

##### **HYDROXYPROPYL METHACRYLATE**

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,000.1

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 5,000.0

Species Rabbit

**BONDAN AT91**

Revision date: 12.02.2021

Version: 1.003



Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) no information available

Skin corrosion/irritation

Animal data not irritating

Serious eye damage/irritation

Serious eye damage/irritation moderately irritating

Respiratory sensitisation

Respiratory sensitisation There is no evidence that the material can lead to respiratory hypersensitivity.

Skin sensitisation

Skin sensitisation Epidemiological studies have shown evidence of skin sensitisation.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative

Genotoxicity - in vivo Chromosome aberration: Negative

Carcinogenicity

Carcinogenicity No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity - fertility Screening - NOAEL 300 mg/kg/day, Oral, Rat P

Reproductive toxicity - development Developmental toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat

Specific target organ toxicity - single exposure

STOT – single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT – repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard no information available



**COPPER NAPHTHENATE**

Acute toxicity - oral

ATE oral (mg/kg) 2.000,1

**2-ETHYLHEXANOIC ACID, COPPER SALTS**

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2.043

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) > 2.000

Species Rat

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) no information available

Skin corrosion/irritation

Animal data not irritating

Serious eye damage/irritation

Serious eye damage/irritation strongly irritating

Respiratory sensitisation

Respiratory sensitisation no information available

Skin sensitisation

Skin sensitisation not sensitising

Germ cell mutagenicity

Genotoxicity - in vitro negative

Genotoxicity - in vivo negative

Carcinogenicity

Carcinogenicity no information available





**COPPER NAPHTHENATE**

Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C50 ≤ 1

M factor (acute) 1

Chronic aquatic toxicity

M factor (chronic) 1

**2-ETHYLHEXANOIC ACID, COPPER SALT**

Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C50 ≤ 1

M factor (acute) 1

Chronic aquatic toxicity

M factor (chronic) 1

12.2. Persistence and degradability

Persistence and degradability No data available.

Ecological information on ingredients

**HYDROXYPROPYL METHACRYLATE**

Biodegradation Water - Degradation 94.2%: 28 days

12.3 Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4 Mobility in soil

Mobility No data available.

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.



12.6 Other adverse effects

none known

**13 Disposal considerations**

13.1 Waste treatment methods

General information

Waste disposal should be in accordance with existing Community, National and local regulations Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

Disposal methods

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Waste class

08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances.

**14 Transport information**

General

The product is not classified as dangerous for carriage.

14.1 UN number

ADR/RID, ADN, IMDG, IATA-DGR not applicable

14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR not applicable

14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR not applicable

14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR not applicable



14.5 Environmental hazards

Environmentally hazardous substance/marine pollutant: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

**15 Regulatory information**

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

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Regulation (EC)

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 (as amended).

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).

Guidance

Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Approved Classification and Labelling Guide (Sixth edition) L131.

Safety Data Sheets for Substances and Preparations.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.





## 16 Other information

Revision date: 12.02.2021

Supersedes date: 01.10.2020

### **Wording of the hazard statements under paragraph 2 and 3:**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

### **Department issuing data sheet:**

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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.

*(The data of dangerous ingredients were taken from the last valid safety data sheet of the respective pre-supplier.)*