

Crystal resin bio : part B - FDS211



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

#### 1.1. Product identifier

Product name : Crystal resin bio : part B

Product code : FDS211.

See list of references in appendix.

UFI : A970-20XD-8005-7TKH

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

Paints & Varnishes for artists

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

Registered company name : PEBEO SAS.

Address : CS 10106 .13881.GEMENOS CEDEX.FRANCE.

Telephone : 33 (0) 4.42.32.08.08. Fax : 33 (0) 4.42.32.01.70.

reglementation@pebeo.com

www.pebeo.com

#### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

#### Other emergency numbers

United Kingdom : 0870 600 6266 Ireland : 01 809 25 66

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Acute oral toxicity, Category 4 (Acute Tox. 4, H302).

Acute dermal toxicity, Category 4 (Acute Tox. 4, H312).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

#### 2.2. Label elements

##### > In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05



GHS07



GHS09

Signal Word :

DANGER

Product identifiers :

EC 500-105-6

PROPYLIDYNETRIMETHANOL, REACTION PRODUCTS WITH AMMONIA

Hazard statements :

H302 + H312

Harmful if swallowed or in contact with skin.

H318

Causes serious eye damage.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statements - General :

P102

Keep out of reach of children.

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## Precautionary statements - Prevention :

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

## Precautionary statements - Response :

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## &gt; 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2. Mixtures

## Composition :

| Identification                   | (EC) 1272/2008          | Note | %    |
|----------------------------------|-------------------------|------|------|
| CAS: 39423-51-3                  | GHS07, GHS05, GHS09     |      | 100% |
| EC: 500-105-6                    | Dgr                     |      |      |
| REACH: 01-2119556886-20-0000     | Acute Tox. 4, H302      |      |      |
|                                  | Acute Tox. 4, H312      |      |      |
| PROPYLIDYNETRIMETHANOL, REACTION | Eye Dam. 1, H318        |      |      |
| PRODUCTS WITH AMMONIA            | Aquatic Chronic 2, H411 |      |      |

## Information on ingredients :

(Full text of H-phrases: see section 16)

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

## 4.1. description of first aid measures

## In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

## In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

## In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Avoid any contact with the skin and eyes.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Neutralise with an acidic decontaminant.

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

**Fire prevention :**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

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Avoid eye contact with this mixture at all times.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

Keep out of reach of children.

Keep away from food and drink, including those for animals.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**>SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No data available.

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

**> - Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- PVC (polyvinyl chloride)

**> - Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

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After contact with the product, all parts of the body that have been soiled must be washed.

## &gt;SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

## Physical state

Physical state : Fluid liquid.

## &gt; Colour

Unspecified

## &gt; Odour

Odour threshold : Not stated.

## &gt; Melting point

Melting point/melting range : Not relevant.

## &gt; Freezing point

Freezing point / Freezing range : Not stated.

## &gt; Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not relevant.

## &gt; Flammability

Flammability (solid, gas) : Not stated.

## &gt; Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

## &gt; Flash point

Flash Point : 218.00 °C.

## Auto-ignition temperature

Self-ignition temperature : Not relevant.

## Decomposition temperature

Decomposition point/decomposition range : Not relevant.

## &gt; pH

pH (aqueous solution) : Not stated.

pH : 11.60 .  
Strongly basic.

## &gt; Kinematic viscosity

Viscosity : Not stated.

## &gt; Solubility

Water solubility : Insoluble.

Fat solubility : Not stated.

## &gt; Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

## Vapour pressure

Vapour pressure (50°C) : Not relevant.

## Density and/or relative density

Density : 0.97

## &gt; Relative vapour density

Vapour density : Not stated.

## 9.2. Other information

VOC (g/l) : 0.00

## &gt; 9.2.1. Information with regard to physical hazard classes

No data available.

## &gt; 9.2.2. Other safety characteristics

No data available.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

## SECTION 11 : TOXICOLOGICAL INFORMATION

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

Harmful if swallowed.

Harmful in contact with skin.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

#### 11.1.1. Substances

No toxicological data available for the substances.

#### 11.1.2. Mixture

No toxicological data available for the mixture.

### 11.2. Information on other hazards

## SECTION 12 : ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

### 12.1. Toxicity

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No data available.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :**

20 01 27 \* paint, inks, adhesives and resins containing dangerous substances

15 01 02 plastic packaging

**>SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 [40-20] - ICAO/IATA 2022 [63]).

**14.1. UN number or ID number**

3082

**14.2. UN proper shipping name**

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(propylidynetrimethanol, reaction products with ammonia)

**14.3. Transport hazard class(es)**

- Classification :



9

**14.4. Packing group**

III

**14.5. Environmental hazards**

- Environmentally hazardous material :

**14.6. Special precautions for user**

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ  | Provis.            | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|-----|--------------------|----|------|--------|
|         | 9     | M6   | III      | 9     | 90     | 5 L | 274 335 375<br>601 | E1 | 3    | -      |

Not subject to this regulation if Q ≤ 5 l / 5 kg (ADR 3.3.1 - DS 375)

| IMDG | Class | 2°Label | Pack gr. | LQ  | EMS      | Provis.     | EQ | Stowage<br>Handling | Segregation |
|------|-------|---------|----------|-----|----------|-------------|----|---------------------|-------------|
|      | 9     | -       | III      | 5 L | F-A. S-F | 274 335 969 | E1 | Category A          | -           |

Not subject to this regulation if Q ≤ 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note | EQ |
|------|-------|---------|----------|----------|----------|-------|-------|------|----|
|------|-------|---------|----------|----------|----------|-------|-------|------|----|

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|  |   |   |     |      |         |     |       |                       |    |
|--|---|---|-----|------|---------|-----|-------|-----------------------|----|
|  | 9 | - | III | 964  | 450 L   | 964 | 450 L | A97 A158<br>A197 A215 | E1 |
|  | 9 | - | III | Y964 | 30 kg G | -   | -     | A97 A158<br>A197 A215 | E1 |

Not subject to this regulation if Q ≤ 5 l / 5 kg (IATA 4.4.4 - DS A197)

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

Marine pollutant (IMDG 3.1.2.9):(propylidynetrimethanol, reaction products with ammonia)

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**>SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****> - Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182 (ATP 15)

**> - Container information:**

Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**- Particular provisions :**

No data available.

**15.2. Chemical safety assessment**

No data available.

**>SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

**> Abbreviations :**

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

UFI : Unique formulation identifier.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion

GHS07 : Exclamation mark

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

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SVHC : Substances of very high concern.

➤ Modification compared to the previous version

| Références | Désignation Référence                   |
|------------|-----------------------------------------|
| FDS211     | Résine cristal : partie B               |
| 766143     | Kit résine cristal bio 750 ml           |
| 766142     | Kit résine cristal bio 300 ml           |
| 766141     | Kit résine cristal bio 150 ml           |
| 107433     | GEDEO KIT RESINE CRISTAL BIO 150ML /SCA |
| 107434     | KIT RESINE CRISTAL BIO 750ML /SCA       |
| 766149     | Kit résine cristal bio 45 ml            |
| 766050     | COFFRET RESIN ART - BIJOUX              |
| 766051     | COFFRET RESIN ART - HOME DECO           |