



## 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 & colour resin - part A : all colours

Product code : FDS153.

See list of references in appendix.

UFI : 5AJ0-90PU-3002-MRS2

#### 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.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

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 :



GHS07



GHS09

Signal Word :

WARNING

Product identifiers :

EC 216-823-5

EC 701-263-0

EC 271-846-8

EC 201-283-5

Additional labeling :

EUH205

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE

REACTION PRODUCT: BISPHENOL-F-EPICHLORHYDRINE EPOXYDIAL RESINS (AVERAGE MOLECULAR WEIGHT < 700)

OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.

METHYL TOLUENE-4-SULPHONATE

Contains epoxy constituents. May produce an allergic reaction.

**Crystal & colour resin - part A : all colours - FDS153**

## Hazard statements :

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

## Precautionary statements - General :

P102 Keep out of reach of children.

## Precautionary statements - Prevention :

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

**> 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: 1675-54-3 EC: 216-823-5 REACH: 01-2119456619-26-xxxx  BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	[1]	60 $\leq$ x % < 80
CAS: 9003-36-5 EC: 701-263-0 REACH: 01-2119454392-40-XXXX  REACTION PRODUCT: BISPHENOL-F-EPICHLORHYDRINE EPOXYDIAL RESINS (AVERAGE MOLECULAR WEIGHT < 700)	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411		20 $\leq$ x % < 25
CAS: 68609-97-2 EC: 271-846-8 REACH: 01-2119485289-22-XXXX  OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317		5 $\leq$ x % < 10
CAS: 80-48-8 EC: 201-283-5 REACH: 01-2120752485-49-XXXX  METHYL TOLUENE-4-SULPHONATE	GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Corr. 1C, H314 Skin Sens. 1B, H317 Eye Dam. 1, H318		0 $\leq$ x % < 1

**> Specific concentration limits:**

Identification	Specific concentration limits	ATE
CAS: 1675-54-3 EC: 216-823-5 REACH: 01-2119456619-26-xxxx  BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE	Skin Irrit. 2: H315 $\geq 5\%$ Eye Irrit. 2: H319 $C \geq 5\%$	

**> Information on ingredients :**

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

**Crystal & colour resin - part A : all colours - FDS153**

[1] Substance for which maximum workplace exposure limits are available.

**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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

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

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

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

In the event of an allergic reaction, seek medical attention.

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 and consult a doctor.

Seek medical attention immediately, showing 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.

**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.

**Crystal & colour resin - part A : all colours - FDS153****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**

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.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**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.

Avoid skin and eye contact with this mixture.

**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.

**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****> Occupational exposure limits :**

- Netherlands / MAC-waarde (10 december 2014) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1675-54-3	5 mg/m3	-	-	-	R

**8.2. Exposure controls****Personal protection measures, such as personal protective equipment**

**Crystal & colour resin - part A : all colours - FDS153**

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.

**- 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.

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

**>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****Physical state**

Physical state : Viscous liquid.

**> Colour**

Unspecified

**> Odour**

Odour threshold : Not stated.

**> Melting point**

Melting point/melting range : Not relevant.

**> Freezing point**

Freezing point / Freezing range : Not stated.

**> Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : Not relevant.

**> Flammability**

Flammability (solid, gas) : Not stated.

**> Lower and upper explosion limit**

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

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

**Crystal & colour resin - part A : all colours - FDS153**

<b>&gt; Flash point</b>	
Flash Point Interval :	FP > 100°C.
<b>Auto-ignition temperature</b>	
Self-ignition temperature :	Not relevant.
<b>Decomposition temperature</b>	
Decomposition point/decomposition range :	Not relevant.
<b>&gt; pH</b>	
pH (aqueous solution) :	Not stated.
pH :	Not relevant.
<b>&gt; Kinematic viscosity</b>	
Viscosity :	Not stated.
<b>&gt; Solubility</b>	
Water solubility :	Insoluble.
Fat solubility :	Not stated.
<b>&gt; Partition coefficient n-octanol/water (log value)</b>	
Partition coefficient: n-octanol/water :	Not stated.
<b>Vapour pressure</b>	
Vapour pressure (50°C) :	Not relevant.
<b>Density and/or relative density</b>	
Density :	1.14
<b>&gt; Relative vapour density</b>	
Vapour density :	Not stated.
<b>&gt; 9.2. Other information</b>	
VOC (g/l) :	0.1
<b>9.2.1. Information with regard to physical hazard classes</b>	
No data available.	
<b>9.2.2. Other safety characteristics</b>	
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**

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

May cause an allergic reaction by skin contact.

**Crystal & colour resin - part A : all colours - FDS153**

Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this preparation may be a skin sensitiser and a respiratory tract sensitiser as well as an irritant.

Constituents with a low molecular weight irritate the eyes, mucous membranes and the skin

Repeated contact with the skin may cause irritation and hypersensitisation, possibly in combination with other epoxide compounds.

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture****Respiratory or skin sensitisation :**

Contains epoxy compounds. May cause an allergic reaction.

**11.2. Information on other hazards****▷ Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 1675-54-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

**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.

**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

## Crystal &amp; colour resin - part A : all colours - FDS153

**>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

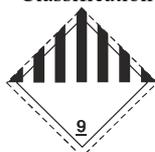
**> 14.2. UN proper shipping name**

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

(bis-[4-(2,3-epoxipropoxy)phenyl]propane)

**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	274 335 375 601	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 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
	9	-	III	964	450 L	964	450 L	A97 A158 A197 A215	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158 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):(bis-[4-(2,3-epoxipropoxy)phenyl]propane)

**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)

**Crystal & colour resin - part A : all colours - FDS153****> - Container information:**

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.
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.
H411	Toxic to aquatic life with long lasting effects.

**> Abbreviations :**

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

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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).

GHS07 : Exclamation mark

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

> Modification compared to the previous version

<b>Références</b>	<b>Désignation Référence</b>
766336	GÉDÉO KIT RÉSINE CRISTAL 750 ML
766334	GÉDÉO KIT RÉSINE CRISTAL 300 ML
766157	GÉDÉO KIT RÉSINE COULEUR 150 ML NOIR
766156	GÉDÉO SET DÉCOUVERTE RÉSINE ASSORTIES
766155	GÉDÉO KIT RÉSINE COULEUR 150 ML TOPAZE
766154	GÉDÉO KIT RÉSINE COULEUR 150 ML AMBRE
766153	GÉDÉO KIT RÉSINE COULEUR 150 ML JADE
766152	GÉDÉO KIT RÉSINE COULEUR 150 ML RUBIS
766151	GÉDÉO KIT RÉSINE COULEUR 150 ML LAZULI
766150	GÉDÉO KIT RÉSINE CRISTAL 150 ML
102195	GÉDÉO KIT RÉSINE CRISTAL 150 ML
107746	GÉDÉO KIT RÉSINE COULEUR 150ML NOIR /SCA
FDS153	Résine cristal : partie A

<b>Références</b>	<b>Désignation Référence</b>
766336	GÉDÉO KIT RÉSINE CRISTAL 750 ML
766334	GÉDÉO KIT RÉSINE CRISTAL 300 ML
766157	GÉDÉO KIT RÉSINE COULEUR 150 ML NOIR
766156	GÉDÉO SET DÉCOUVERTE RÉSINE ASSORTIES
766155	GÉDÉO KIT RÉSINE COULEUR 150 ML TOPAZE
766154	GÉDÉO KIT RÉSINE COULEUR 150 ML AMBRE
766153	GÉDÉO KIT RÉSINE COULEUR 150 ML JADE
766152	GÉDÉO KIT RÉSINE COULEUR 150 ML RUBIS
766151	GÉDÉO KIT RÉSINE COULEUR 150 ML LAZULI
766150	GÉDÉO KIT RÉSINE CRISTAL 150 ML
102195	GÉDÉO KIT RÉSINE CRISTAL 150 ML
107746	GÉDÉO KIT RÉSINE COULEUR 150ML NOIR /SCA
FDS153	Résine cristal : partie A