

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 1/14

vitrail solvant : rose / pink - 053021

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name : vitrail solvant : rose / pink

Product code : 053021.

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

Paints &amp; Varnishes for artists

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

Registered company name : PEBEO S A.

Address : 305 AVENUE DU PIC DE BERTAGNE - BP106 -.13881.GEMENOS CEDEX.FRANCE.

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

cedeyne@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> .**SECTION 2 : HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****In compliance with EC regulation No. 1272/2008 and its amendments.**

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

May produce an allergic reaction (EUH208).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Flammable (R 10).

May produce an allergic reaction.

Vapours may cause drowsiness and dizziness (R 67).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**2.2. Label elements****In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS02

Signal Word :

WARNING

Additional labeling :

EUH208

Contains 2-BUTANONE OXIME. May produce an allergic reaction.

EUH208

Contains COBALT BIS(2-ETHYLHEXANOATE). May produce an allergic reaction.

Hazard statements :

H226

Flammable liquid and vapour.

Precautionary statements - General :

P101

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

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

Version 12.1 (14/01/2014) - Page 2/14

PEBEO S A

vitrail solvant : rose / pink - 053021

P102	Keep out of reach of children.
Precautionary statements - Prevention :	
P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P240	Ground/bond container and receiving equipment.
Precautionary statements - Response :	
P370 + P378	In case of fire: Use ... for extinction.
Precautionary statements - Storage :	
P403 + P235	Store in a well-ventilated place. Keep cool.
Precautionary statements - Disposal :	
P501	Dispose of contents/container to ...

**2.3. Other hazards**

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

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

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 368869-31-2 RESINE ALKYDE MASSE				47.98 %
INDEX: 649-327-00-6 CAS: 64742-48-9 EC: 265-150-3 REACH: 01-2119474196-32 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	GHS08 Dgr Asp. Tox. 1, H304	Xn Xn;R65	P [1]	28.06 %
INDEX: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1 MONOPROPYLENE GLYCOL METHYL ETHER	GHS02, GHS07 Wng Flam. Liq. 3, H226 STOT SE 3, H336	R10 R67	[1]	16.89 %
CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60-xxxx DIPROPYLENGLYCOLMETHYLEETHER			[1]	5.00 %
CAS: 64742-48-9 EC: 918-481-9 HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES	GHS08 Dgr Asp. Tox. 1, H304 EUH:066	Xn Xn;R65 R66	[1]	0.69 %
INDEX: 611-092-00-2 EC: 413-210-6 TERT-(DODECYL/TETRADECYL)-AMMONI UM BIS(3-(4-((5-(1,1-DIMETHYL-PROPYL)-2-HY- DROXY-3-NITROPHENYL)AZO)-3-METHYL -5-HY-DROXY-(1H)PYRAZOL-1-YL)BENZEN ESULFON-AMIDATO)CHROMATE	GHS09 Aquatic Chronic 2, H411	N N;R51/53		0.55 %

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

Version 12.1 (14/01/2014) - Page 3/14

PEBEO S A

vitrail solvant : rose / pink - 053021

INDEX: 616-014-00-0 CAS: 96-29-7 EC: 202-496-6  2-BUTANONE OXIME	GHS08, GHS05, GHS07 Dgr Carc. 2, H351 Acute Tox. 4, H312 Eye Dam. 1, H318 Skin Sens. 1, H317	Xn Carc. Cat. 3;R40 Xn;R21 Xi;R41-R43	[1] [2]	0.30 %
CAS: 85203-81-2 EC: 286-272-3  ACIDE HEXANOIQUE, ETHYL-2, SEL DE ZINC, BASIQUE	GHS07, GHS08 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361d Aquatic Chronic 3, H412	Xn Repr. Cat. 3;R63 Xi;R36/38 R52/53	[2]	0.18 %
CAS: 136-52-7 EC: 205-250-6 REACH: 01-2119524678-29  COBALT BIS(2-ETHYLHEXANOATE)	GHS09, GHS07, GHS08 Wng Skin Sens. 1, H317 Repr. 2, H361f Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	Xn,N Repr. Cat. 3;R62 Xi;R43 N;R50/53	[2]	0.17 %
CAS: 61789-52-4 EC: 263-065-6  ACIDES GRAS DE TALLOL, SELS DE COBALT	GHS07, GHS09, GHS08 Wng Acute Tox. 4, H302 Skin Sens. 1, H317 Repr. 2, H361f Aquatic Chronic 2, H411	Xn,N Repr. Cat. 3;R62 Xn;R22 Xi;R43 N;R51/53	[2]	0.06 %
INDEX: 603-106-00-0 CAS: 1589-47-5 EC: 216-455-5  2-METHOXYPROPANOL	GHS02, GHS08, GHS05, GHS07 Dgr Flam. Liq. 3, H226 Repr. 1B, H360D STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318	T Repr. Cat. 2;R61 Xi;R37/38-R41 R10	[1] [2]	0.05 %
CAS: 68551-42-8 EC: 271-377-9  AC GRAS RAMIFIES EN C6-19 SELS DE MANGANESE	GHS07 Wng Skin Irrit. 2, H315	Xi Xi;R38		0.04 %
INDEX: 612-004-00-5 CAS: 121-44-8 EC: 204-469-4  TRIETHYLAMINE	GHS02, GHS05, GHS07 Dgr Flam. Liq. 2, H225 Acute Tox. 4, H332 Acute Tox. 4, H312 Acute Tox. 4, H302 Skin Corr. 1A, H314	C,F C;R35 Xn;R20/21/22 F;R11	[1]	0.01 %
INDEX: 601-052-00-2 CAS: 91-20-3 EC: 202-049-5  NAPHTHALENE	GHS07, GHS08, GHS09 Wng Carc. 2, H351 Acute Tox. 4, H302 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	Xn,N Carc. Cat. 3;R40 Xn;R22 N;R50/53	[1] [2]	0.01 %

**Information on ingredients :**

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

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

Note P: The carcinogen or mutagen classification does not apply because the substance contains less than 0.1 % w/w of benzene (EINECS 200-753-7).

**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 exposure by inhalation :**

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

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

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

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

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

**In the event of swallowing :**

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

Keep the person exposed at rest. Do not force vomiting.

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.

**SECTION 5 : FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

**5.1. Extinguishing media**

Keep packages near the fire cool, to prevent pressurised containers from bursting.

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**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**

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

**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 fire-fighters**

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

**For fire-fighters**

Fire-fighters 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.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

**Fire prevention :**

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

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.

Packages which have been opened must be reclosed carefully and stored in an upright position.

**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 the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 6/14

vitrail solvant : rose / pink - 053021

**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 :**

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
107-98-2	375	100	568	150	Peau
34590-94-8	308	50	-	-	Peau
121-44-8	8.4	2	12.6	3	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

- South Africa / DOL RL (Department of Labour, Recommended limits, 1995) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	300 ppm	-	-	-
121-44-8	10 ppm	15 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME :	VME :	Excess	Notes
107-98-2	100 ml/m3	370 mg/m3	2(I)	DFG, Y
34590-94-8	50 ml/m3	310 mg/m3	1(I)	DFG, EU
1589-47-5	5 ml/m3	19 mg/m3	8(II)	DFG, H, Z
121-44-8	1 ml/m3	4,2 mg/m3	2(I)	DFG, H, 6

- Australia (NOHSC: 3008, 1995) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	2 ppm	4 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

- Belgium (Order of 19/05/2009, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	50 ppm	-	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

- Brazil :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
121-44-8	20 ppm	-	-	-	-

- Canada / Alberta (Occupational health and safety code, 2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Canada / British Colombia (2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Canada / Quebec (Regulations on occupational health and safety) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	10 ppm	15 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - China (GBZ 2.1, 2007) :

CAS	TWA :	STEL :	Anm :	TWA :	STEL :	Anm :
34590-94-8	600 mg/m3	900 mg/m3	-	-	-	-
91-20-3	50 mg/m3	75 mg/m3	-	-	-	-

## - Denmark (2007) :

CAS	TWA :	TWA :	Anm :
107-98-2	50 ppm	185 mg/m3	-
34590-94-8	50 ppm	300 mg/m3	H
1589-47-5	20 ppm	75 mg/m3	-
121-44-8	1 ppm	4.1 mg/m3	H
91-20-3	10 ppm	50 mg/m3	K

## - France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
107-98-2	50	188	100	375	*	84
34590-94-8	50	308	-	-	*	84
121-44-8	1	4.2	3	12.6	*	49, 49 Bis
91-20-3	10	50	-	-	C3	-

## - Finland (HTP-värden 2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	50 ppm	-	-	-	-
121-44-8	-	1 ppm	-	-	-
91-20-3	10 ppm	20 ppm	-	-	-

## - Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), Mayo 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	50 ppm	-	-	-	-
1589-47-5	20 ppm	-	-	-	-
121-44-8	2 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Hong-Kong (Code of practice on control of air impurities (Chemicals substances) in the workplace, 04/2002) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Ireland (Code of practice for the safety, Health and Welfare at Work, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	300 ppm	-	-	-
34590-94-8	50 ppm	100 ppm	-	-	-
96-29-7	3 ppm	10 ppm	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Malaysia :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	-	-	-	-
121-44-8	1 ppm	-	-	-	-
91-20-3	10 ppm	-	-	-	-

## - Mexico :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	25 ppm	40 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Norway (Veiledning om administrative normer for forurensning i arbeidsatmosfære, May 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	50 ppm	-	-	-	-
34590-94-8	50 ppm	-	-	-	-
1589-47-5	20 ppm	-	-	-	-
121-44-8	2 ppm	-	-	-	-
91-20-3	10 ppm	-	-	-	-

## - New Zealand (Workplace Exposure standards, 2002) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
121-44-8	3 ppm	5 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

## - Netherlands / MAC-waarde (SER, 4 May 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	-	-	-	-
34590-94-8	50 ppm	-	-	-	-
1589-47-5	19 ppm	-	-	-	-
121-44-8	1 ppm	3 ppm	-	-	-
91-20-3	50 mg/m3	80 mg/m3	-	-	-

## - Poland (2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64742-48-9	300 mg/m3	900 mg/m3	-	-	-
107-98-2	180 mg/m3	360 mg/m3	-	-	-
34590-94-8	240 mg/m3	480 mg/m3	-	-	-
64742-48-9	300 mg/m3	900 mg/m3	-	-	-
121-44-8	3 mg/m3	9 mg/m3	-	-	-
91-20-3	20 mg/m3	50 mg/m3	-	-	-

## Czech Republic (Regulation No. 361/2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	270 mg/m3	550 mg/m3	-	-	-
34590-94-8	270 mg/m3	550 mg/m3	-	-	-
121-44-8	8 mg/m3	12 mg/m3	-	-	-
91-20-3	50 mg/m3	10 mg/m3	-	-	-

## Slovakia (Regulation No. 300/2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	375 mg/m3		568 mg/m3	
34590-94-8	50 ppm	308 mg/m3			
1589-47-5	20 ppm	75 mg/m3	II..1		
121-44-8		8.4 mg/m3		12.6 mg/m3	
91-20-3	10 ppm	50 mg/m3			

## - Switzerland (SUVA 2009) :



SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 9/14

vitrail solvant : rose / pink - 053021

CAS	VME-mg/m3	VME-ppm	VLE-mg/m3	VLE-ppm	Temps :	RSB :
107-98-2	360	100	720	200	4x15	B
34590-94-8	300	50	300	50	15 min	-
1589-47-5	19	5	152	40	4x15	R
121-44-8	4,2	1	8,4	2	4x15	-
91-20-3	50	10	-	-	-	R

- Sweden (AFS 2007:2) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	50 ppm	75 ppm	-	-	-
34590-94-8	50 ppm	75 ppm	-	-	-
121-44-8	2 ppm	10 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	50 ppm	-	-	-	-
121-44-8	2 ppm	4 ppm	-	-	-

- USA / NIOSH REL (National Institute for Occupational Safety and Health, Recommended exposure limits) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-98-2	100 ppm	150 ppm	-	-	-
34590-94-8	100 ppm	150 ppm	-	-	-
91-20-3	10 ppm	15 ppm	-	-	-

- USA / NIOSH IDLH (National Institute for Occupational Safety and Health, Immediately Dangerous to Life or Health Concentrations) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	-	-	500 ppm	-	-
121-44-8	-	-	200 ppm	-	-
91-20-3	-	-	250 ppm	-	-

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	100 ppm	150 ppm	-	-	-
121-44-8	25 ppm	-	-	-	-
91-20-3	10 ppm	-	-	-	-

- USA / AIHA WEEL (American Industrial Hygiene Association, Workplace Environmental Exposure Limit, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
96-29-7	10 ppm	-	-	-	-

**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 in accordance with standard EN166.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 10/14

vitrail solvant : rose / pink - 053021

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

**- Body protection**

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.

**- Respiratory protection**

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****General information :**

Physical state : Viscous liquid.

**Important health, safety and environmental information**

pH :	Not relevant.
Boiling point/boiling range :	150 °C.
Flash Point :	27.00 °C.
Vapour pressure (50°C) :	Below 110 kPa (1.10 bar).
Density :	< 1
Water solubility :	Insoluble.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not specified.
Decomposition point/decomposition range :	Not relevant.

**9.2. Other information**

VOC (g/l) : 471.14

**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**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

**10.5. Incompatible materials****10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

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

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 11/14

vitrail solvant : rose / pink - 053021

**SECTION 11 : TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Splashes in the eyes may cause irritation and reversible damage

**11.1.1. Substances**

No toxicological data available for the substances.

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

Contains at least one sensitising substance. May cause an allergic reaction.

**SECTION 12 : ECOLOGICAL INFORMATION****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. 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 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/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 2013 - IMDG 2012 - ICAO/IATA 2013).

**14.1. UN number**

1263

**14.2. UN proper shipping name**

UN1263=PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 12/14

vitrail solvant : rose / pink - 053021

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

- Classification :



3

**14.4. Packing group**

III

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5 L	163 650 640E	E1	3	D/E

Not subject to this regulation if Q &lt; 450l.

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	3	-	III	5 L	F-E,S-E	163 223 955	E1

Not subject to this regulation if Q &lt; 30l

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	III	355	60 L	366	220 L	A3 A72	E1
	3	-	III	Y344	10 L	-	-	A3 A72	E1

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.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

**- Container information:**

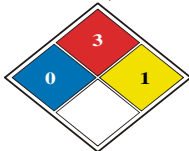
The mixture is contained in packaging that does not exceed 125 ml.

**- Particular provisions :**

No data available.

**- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :**

NFPA 704, Labelling: Health=0 Inflammability=3 Instability/Reactivity=1 Specific Risk=none

**- Swiss ordinance on the incentive tax on volatile organic compounds :**

107-98-2

34590-94-8

1-méthoxypropane-2-ol (éther 1-méthylrique d'alpha-propylèneglycol)

2-(3-méthoxypropoxy)propane-1-ol

**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.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Hazard symbols :

Flammable

Contains :

Contains EC 205-250-6 COBALT BIS(2-ETHYLHEXANOATE). May produce an allergic reaction.

Contains 616-014-00-0 2-BUTANONE OXIME. May produce an allergic reaction.

Risk phrase :

R 10

Flammable.

R 67

Vapours may cause drowsiness and dizziness.

Safety phrase :

S 2

Keep out of the reach of children.

S 46

If swallowed, seek medical advice immediately and show this container or label.

S 23

Do not breathe vapour

S 24

Avoid contact with skin.

S 51

Use only in well-ventilated areas.

S 62

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Title for H, EUH and R indications mentioned in section 3 :**

H225

Highly flammable liquid and vapour.

H226

Flammable liquid and vapour.

H302

Harmful if swallowed.

H304

May be fatal if swallowed and enters airways.

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.

H336

May cause drowsiness or dizziness.

H351

Suspected of causing cancer .

H360D

May damage the unborn child.

H361d

Suspected of damaging the unborn child.

H361f

Suspected of damaging fertility.

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
PEBEO S A

Version 12.1 (14/01/2014) - Page 14/14

vitrail solvant : rose / pink - 053021

H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
R 10	Flammable.
R 11	Highly flammable.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 21	Harmful in contact with skin.
R 22	Harmful if swallowed.
R 35	Causes severe burns.
R 36/38	Irritating to eyes and skin.
R 37/38	Irritating to respiratory system and skin.
R 38	Irritating to skin.
R 40.C3	Limited evidence of a carcinogenic effect.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 61.G2	May cause harm to the unborn child.
R 62.F3	Possible risk of impaired fertility.
R 63.G3	Possible risk of harm to the unborn child.
R 65	Harmful: may cause lung damage if swallowed.
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Vapours may cause drowsiness and dizziness.

**Abbreviations :**

CMR: Carcinogenic, mutagenic or reprotoxic.  
 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).  
 GHS02 : Flame