

01237-1005

SAFETY DATA SHEET (REGULATION (EC) No 1907/2006 - REACH)  
 Name: sétacolor : pâte relief à expanser / expanding paint - 391006

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 Company: PEBEO INDUSTRIES

## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance or preparation:**

Name: sétacolor : pâte relief à expanser / expanding paint.  
 Product code: 391006.

**Company/undertaking identification:**

Registered company name: PEBEO INDUSTRIES.  
 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.  
 cdeleyne@pebeo.com  
 www.pebeo.com

Emergency telephone: 33 (0) 1.45.42.59.59.

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

**Use of the substance/preparation:**

Paints & Varnishes for artists

### 2 - HAZARDS IDENTIFICATION

This product is not classified as flammable. Refer to the recommendations regarding the other products present on the site  
 This preparation is not classified as hazardous to health by directive 1999/45/EC.

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

**Hazardous substances present on their own:**

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

**Other substances representing a hazard:**

No known substance in this category present.

**Substances present at a concentration below the minimum danger threshold:**

INDEX	CAS	EC	Name	Symb.	R:	%
601-006-00-1	78-78-4	201-142-8	2-METHYLBUTANE	Xn N F+	12 65 66 67 51/53	0 <= x % < 2.5

**Other substances with occupational exposure limits:**

No known substance in this category present.

### 4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
 NEVER induce swallowing in an unconscious person.

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

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
 Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**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.  
 DO NOT use solvents or thinners.

**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.  
 If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

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## 5 - FIRE-FIGHTING MEASURES

Not relevant.

## 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Consult the safety measures listed under headings 7 and 8.

### 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.

### Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

## 7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

### Fire prevention:

Prevent access by unauthorised personnel.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION



Use personal protection equipment as per Directive 89/686/EEC.

### Technical measures:

Personnel shall wear regularly laundered overalls.

### Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
78-78-4	1000	3000	-	-	-	84
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
78-78-4	IV	1000	3000	-	-	

### Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
78-78-4	3000	1000	-	-	-

### Exposure limit values (2003-2006):

Switzerland	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Temps:	RSB:
78-78-4	1800	600	3600	1200	4x15	-
Malaysia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Canada-British Columbia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Brazil	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	470 ppm	-	-	-	-	
Canada-Alberta	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:		
78-78-4	1000 ml/m3	3000 mg/m3	2(II)	DFG		
Denmark(3.4/3.4.1)	TWA:	STEL:	Ann:	TWA:	STEL:	Ann:
78-78-4	500 ppm	1500 mg/m3	-	500 ppm	-	-
Ireland	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	750 ppm	-	-	-	

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	TWA:	STEL:	Ceiling:	Definition:	Criterion:
ACGIH/TLV	600 ppm	-	-	-	-
78-78-4	600 ppm	-	-	-	-
Germany/MAK	1000 ppm	2000 ppm	-	-	-
78-78-4	1000 ppm	2000 ppm	-	-	-
Germany/TRK	1000 ppm	3000 mg/m3	4	DFG	-
78-78-4	1000 ppm	3000 mg/m3	4	DFG	-
Nederland	600 ppm	-	-	-	-
78-78-4	600 ppm	-	-	-	-
Suomi/Finlande	500 ppm	630 ppm	-	-	-
78-78-4	500 ppm	630 ppm	-	-	-
Belgique	600 ppm	750 ppm	-	-	-
78-78-4	600 ppm	750 ppm	-	-	-
Polska	3000 mg/m3	-	-	-	-
78-78-4	3000 mg/m3	-	-	-	-
España	1000 ppm	-	-	-	-
78-78-4	1000 ppm	-	-	-	-
Sverige	600 mg/m3	750 mg/m3	-	-	-
78-78-4	600 mg/m3	750 mg/m3	-	-	-
USA/NIOSH REL	120 ppm	-	610 ppm	C-15 min ppm	-
78-78-4	120 ppm	-	610 ppm	C-15 min ppm	-
USA/OSHA PEL	1000 ppm	-	-	-	-
78-78-4	1000 ppm	-	-	-	-

**Respiratory protection:**

Anti-gas filters :

- A1,A2,A3 (brown)

**Hand protection:**

Type of gloves recommended :

- Nitrile

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

**General information:**

Physical state:

viscous liquid

**Important health, safety and environmental information:**

pH of the substance or preparation:

neutral.

When a pH measure is possible, it has a value of:

6.50

Boiling point/boiling range:

not relevant.

Flash point interval:

not relevant.

Vapour pressure:

not relevant.

Density:

> 1

Water solubility:

Dilutable.

**Other information:**

melting point/melting range:

not relevant.

Self-ignition temperature:

not relevant.

Decomposition point/decomposition range :

not relevant.

VOC (g/l):

0.26

**10 - STABILITY AND REACTIVITY**

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

**11 - TOXICOLOGICAL INFORMATION**

No data is available regarding the preparation itself.

Splashes in the eyes may cause irritation and reversible damage

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## 12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

## 13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

### Waste:

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 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27

## 14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

## 15 - REGULATORY INFORMATION

This preparation is not classified as hazardous to health by directive 1999/45/EC.

This product is not classified as flammable.

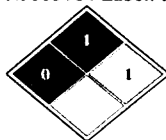
### Classification by:

So called 'all preparations' Directive 1999/45/EC and its adaptations.

EC regulation 1272/2008 (CLP) and its adaptations (EC regulation 790/2009).

### Particular provisions:

NFPA 704 Label: Health=0 Flammability=1 Instability=1 Special Hazards=none



## 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 product must not be used for any purposes other than those specified under heading 1 without first obtaining 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 given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

### Full text of risk phrases appearing in section 3:

R 12	Extremely flammable.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.

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### Difference Report

Revision: N 6 (19/02/2010) / Version: N 1 (19/02/2010)  
Revision: N 4 (10/08/2007) / Version: N 2 (09/06/2009)

#### 2 - HAZARDS IDENTIFICATION

Other data:  
Packaging < 125 ml.

#### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
601-006-00-1	78-78-4	201-142-8	2-METHYLBUTANE	Xn N F+	12 65 66 67 51/53	0 <= x % < 2.5

#### 4 - FIRST AID MEASURES

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

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.  
DO NOT use solvents or thinners.

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.  
If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

#### 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION



Exposure limit values per INRS ED 984:

78-78-4	1000	3000	-	-	-	84
78-78-4	IV	1000	3000	-	-	
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N�:
Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:						
78-78-4	3000	1000	-	-	-	
Switzerland	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Temp:	RSB:
78-78-4	1800	600	3600	1200	4x15	-
Malaysia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Canada-British Columbia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Brazil	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	470 ppm	-	-	-	-	
Canada-Alberta	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:		

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78-78-4	1000 ml/m3	3000 mg/m3	2(II)	DFG		
Denmark(3.4/3.4.1)	TWA:	STEL:	Ann:	TWA:	STEL:	Ann:
78-78-4	500 ppm	1500 mg/m3		500 ppm		
Ireland	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	750 ppm	-	-	-	
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Germany/MAK	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	1000 ppm	2000 ppm	-	-	-	
Germany/TRK	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	1000 ppm	3000 mg/m3	4	DFG	-	
Nederland	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	-	-	-	-	
Suomi/Finlande	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	500 ppm	630 ppm	-	-	-	
Belgique	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 ppm	750 ppm	-	-	-	
Polska	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	3000 mg/m3	-	-	-	-	
España	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	1000 ppm	-	-	-	-	
Sverige	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	600 mg/m3	750 mg/m3	-	-	-	
USA/NIOSH REL	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	120 ppm	-	610 ppm	C-15 min ppm	-	
USA/OSHA PEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
78-78-4	1000 ppm	-	-	-	-	
EC	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:	

#### Respiratory protection:

Anti-gas filters :

- A1,A2,A3 (brown)

#### Hand protection:

Type of gloves recommended :

- Nitrile

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

#### Other information:

VOC (g/l):

8,25

melting point/melting range:

not relevant.

Self-ignition temperature:

not relevant.

Decomposition point/decomposition range :

not relevant.

VOC (g/l):

0,26

#### Important health, safety and environmental information:

Boiling point/boiling range:

not relevant.

## 11 - TOXICOLOGICAL INFORMATION

~~The preparation contains no substance classified as hazardous per directive 67/548/EEC.~~

No data is available regarding the preparation itself.

Splashes in the eyes may cause irritation and reversible damage

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### 13 - DISPOSAL CONSIDERATIONS

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

~~08 01 11 \* waste paint and varnish containing organic solvents or other dangerous substances~~

20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27

### 15 - REGULATORY INFORMATION

~~This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations  
In addition directive 2004/73/EC with the 29<sup>e</sup> adaptation of directive 67/548/EEC (Hazardous substances) has been taken into  
account.~~

~~Packaging < 125 ml.~~

Classification by:

So called 'all preparations' Directive 1999/45/EC and its adaptations.

EC regulation 1272/2008 (CLP) and its adaptations (EC regulation 790/2009).

### 16 - OTHER INFORMATION

Full text of risk phrases appearing in section 3:

R 12	Extremely flammable.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65	Harmful: may cause lung damage if swallowed.
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