

**Setacolor opaque : all colours - FDS186**



**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 : Setacolor opaque : all colours

Product code : FDS186.

See list of references in appendix.

UFI : M590-7044-0002-SADX

**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.**

May produce an allergic reaction (EUH208).

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

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.**

Additional labeling :

EUH208 Contains REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction.

EUH208 Contains 2-METHYLISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

**> 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.

## Setacolor opaque : all colours - FDS186

## &gt;SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2. Mixtures

## &gt; Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: 603-098-00-9 CAS: 122-99-6 EC: 204-589-7 REACH: 01-2119488943-21-0000  2-PHENOXYETHANOL	GHS07 Wng Acute Tox. 4, H302 Eye Irrit. 2, H319	[1]	0 <= x % < 1
INDEX: 613-167-00-5 CAS: 55965-84-9  REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 100 Aquatic Chronic 1, H410 M Chronic = 100 EUH:071	B [1]	0 <= x % < 0.0007
INDEX: 613-326-00-9 CAS: 2682-20-4 EC: 220-239-6  2-METHYLISOTHIAZOL-3(2H)-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1 EUH:071	[1]	0 <= x % < 0.0002

## &gt; Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 613-167-00-5 CAS: 55965-84-9  REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	Skin Corr. 1C: H314 C>= 0.6% Skin Irrit. 2: H315 0.06% <= C < 0.6% Eye Dam. 1: H318 C>= 0.6% Eye Irrit. 2: H319 0.06% <= C < 0.6% Skin Sens. 1A: H317 C>= 0.0015%	
INDEX: 613-326-00-9 CAS: 2682-20-4 EC: 220-239-6  2-METHYLISOTHIAZOL-3(2H)-ONE	Skin Sens. 1A: H317 C>= 0.0015%	

## Information on ingredients :

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

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

**Setacolor opaque : all colours - FDS186**

**>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 skin :**

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

**> In the event of swallowing :**

Seek medical attention, 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**

**> 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 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.

**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.

## Setacolor opaque : all colours - FDS186

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**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 :**

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Excess	Notes
122-99-6		1 ppm 5.7 mg/m <sup>3</sup>		1(I)

- Canada / Ontario (Control of exposure to biological or chemical agents, regulation 491/2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
122-99-6	25 ppm 141 mg/m <sup>3</sup>				

- Finland (HTP-värden 2018) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
122-99-6	20 ppm 110 mg/m <sup>3</sup>	50 ppm 290 mg/m <sup>3</sup>			

- Malaysia :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
122-99-6	25 ppm	-	-	-	-

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
55965-84-9	0.05 mg/m <sup>3</sup>	-	-	-	-

- Poland (Dz. U. z 2018 r. poz. 917, 1000 i 1076) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
122-99-6	230 mg/m <sup>3</sup>				

- Switzerland (Suva 2021) :

CAS	VME	VLE	Valeur plafond	Notations
122-99-6	20 ppm 110 mg/m <sup>3</sup>	20 ppm 110 mg/m <sup>3</sup>		
55965-84-9	0.2 ppm	0.4 ppm		
2682-20-4	0.2 i mg/m <sup>3</sup>	0.4 i mg/m <sup>3</sup>		S SSC

**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.

**Setacolor opaque : all colours - FDS186**

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.

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

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)

- Butyl Rubber (Isobutylene-isoprene copolymer)

**> - 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.

**>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.

**> Flash point**

Flash point interval : Not relevant.

**Auto-ignition temperature**

Self-ignition temperature : Not relevant.

**Decomposition temperature**

Decomposition point/decomposition range : Not relevant.

**> pH**

pH (aqueous solution) : Not stated.

pH : 9.50 .

Slightly basic.

## Setacolor opaque : all colours - FDS186

- ▷ **Kinematic viscosity**  
Viscosity : Not stated.
- ▷ **Solubility**  
Water solubility : Dilutable.  
Fat solubility : Not stated.
- ▷ **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 : 1.000
- ▷ **Relative vapour density**  
Vapour density : Not stated.
- ▷ **9.2. Other information**  
VOC (g/l) : 15.07
- ▷ **9.2.1. Information with regard to physical hazard classes**  
No data available.
- ▷ **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**

Avoid :

- frost

**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**

No data available.

**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.

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

CAS 75-56-9 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 140-88-5 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 50-00-0 : IARC Group 1 : The agent is carcinogenic to humans.

**Setacolor opaque : all colours - FDS186**

- CAS 7631-86-9 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 989-38-8 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 9002-88-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 9003-01-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 13463-67-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

**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. 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

**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number or ID number**

-

**14.2. UN proper shipping name**

-

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

-

**14.4. Packing group**

-

**Setacolor opaque : all colours - FDS186****14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

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

-

**>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. 2020/217 (ATP 14)

**> - 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 :**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

**> Abbreviations :**

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

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

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.

**Setacolor opaque : all colours - FDS186**

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).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

|> Modification compared to the previous version

Référence	Désignation Référence
756481	SET INITIATION SETACOLOR OPAQUE MAT 6 FLACONS ASSORTIS DE 20 ML
757481	SET EXPLORATION SETACOLOR MOIRE - 12 FLACONS ASSORTIS 20 ML
758482	COFFRET COLLECTION SETACOLOR OPAQUE - 10X45ML -CL 2
296080	SETACOLOR OPAQUE 250 ML ROUGE
296045	SETACOLOR OPAQUE 250 ML OR MOIRE
296026	SETACOLOR OPAQUE 250 ML VERMILLON
296019	SETACOLOR OPAQUE 250 ML NOIR
296017	SETACOLOR OPAQUE 250 ML JAUNE CITRON
296013	SETACOLOR OPAQUE 250 ML BOUTON D'OR
296011	SETACOLOR OPAQUE 250 ML BLEU COBALT
296010	SETACOLOR OPAQUE 250 ML BLANC
295099	SETACOLOR OPAQUE 45 ML NOIR MOIRE
295098	SETACOLOR OPAQUE 45 ML IVOIRE MOIRE
295093	SETACOLOR OPAQUE 45 ML CANNELLE
295092	SETACOLOR OPAQUE 45 ML FIGUE
295091	SETACOLOR OPAQUE 45 ML GRIS
295090	SETACOLOR OPAQUE 45 ML TON CHAIR
295089	SETACOLOR OPAQUE 45 ML TAUPE
295088	SETACOLOR OPAQUE 45 ML CHOCOLAT
295087	SETACOLOR OPAQUE 45 ML TURQUOISE
295086	SETACOLOR OPAQUE 45 ML BLEU CIEL
295085	SETACOLOR OPAQUE 45 ML LILAS
295084	SETACOLOR OPAQUE 45 ML BLEU JEAN
295083	SETACOLOR OPAQUE 45 ML OLIVE
295082	SETACOLOR OPAQUE 45 ML VERT VEGETAL
295081	SETACOLOR OPAQUE 45 ML FRAMBOISE
295080	SETACOLOR OPAQUE 45 ML ROUGE
295079	SETACOLOR OPAQUE 45 ML NOIR DE JAIS MOIRE
295075	SETACOLOR OPAQUE 45 ML ECLAT DE CHOCOLAT MOIRE
295072	SETACOLOR OPAQUE 45 ML BRONZE MOIRE
295069	SETACOLOR OPAQUE 45 ML BLEU ELECTRIQUE MOIRE
295067	SETACOLOR OPAQUE 45 ML PRUNE MOIRE
295065	SETACOLOR OPAQUE 45 ML VIOLINE MOIRE
295064	SETACOLOR OPAQUE 45 ML ROUGE D'ORIENT MOIRE
295063	SETACOLOR OPAQUE 45 ML BRIQUE MOIRE
295062	SETACOLOR OPAQUE 45 ML OR RICHE MOIRE
295060	SETACOLOR OPAQUE 45 ML ARGENT MOIRE
295047	SETACOLOR OPAQUE 45 ML CUIVRE MOIRE
295046	SETACOLOR OPAQUE 45 ML ROUGE PASSION MOIRE
295045	SETACOLOR OPAQUE 45 ML OR MOIRE
295044	SETACOLOR OPAQUE 45 ML PERLE MOIRE
295043	SETACOLOR OPAQUE 45 ML CHLOROPHYLLE MOIRE
295042	SETACOLOR OPAQUE 45 ML TURQUOISE MOIRE
295039	SETACOLOR OPAQUE 45 ML AMETHYSTE MOIRE
295036	SETACOLOR OPAQUE 45 ML JAUNE RICHE MOIRE
295029	SETACOLOR OPAQUE 45 ML VIOLET PARME
295026	SETACOLOR OPAQUE 45 ML VERMILLON
295024	SETACOLOR OPAQUE 45 ML VERT PRINTEMPS
295019	SETACOLOR OPAQUE 45 ML NOIR
295017	SETACOLOR OPAQUE 45 ML JAUNE CITRON
295013	SETACOLOR OPAQUE 45 ML BOUTON D'OR
295012	SETACOLOR OPAQUE 45 ML ORANGE
295011	SETACOLOR OPAQUE 45 ML BLEU COBALT
295010	SETACOLOR OPAQUE 45 ML BLANC
294000	SETACOLOR OPAQUE : ASSORTIMENT 10 FLACONS 45 ML OPAQUE
293088	SETACOLOR OPAQUE 1 L CHOCOLAT
293082	SETACOLOR OPAQUE 1 L VERT VEGETAL
293080	SETACOLOR OPAQUE 1 L ROUGE
293019	SETACOLOR OPAQUE 1 L NOIR
293013	SETACOLOR OPAQUE 1 L BOUTON D'OR
293011	SETACOLOR OPAQUE 1 L BLEU COBALT
293010	SETACOLOR OPAQUE 1 L BLANC
202097	SETA OPAQUE 45 ML NACRE DOREE
202096	SETA OPAQUE 45 ML NACRE ROSE
202095	SETA OPAQUE 45 ML NACRE BLEU
202094	SETA OPAQUE 45 ML NACRE VERTE

758481

COFFRET COLLECTION SETACOLOR OPAQUE - 10X45ML -CL 1