

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

Version 6.1 (25/06/2020) - Page 1/8

Setasilk : all colours - FDS124

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

Product name : Setasilk : all colours
 Product code : FDS124.
 See list of references in appendix.
 UFI : 8X90-S0AP-R00H-QDNH

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

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.**

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

613-326-00-9

613-167-00-5

2-METHYLISOTHIAZOL-3(2H)-ONE

REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND

2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

Hazard statements :

H317

May cause an allergic skin reaction.

Precautionary statements - General :

P102

Keep out of reach of children.

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

Version 6.1 (25/06/2020) - Page 2/8

Setasilk : all colours - FDS124**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.

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

| Identification | (EC) 1272/2008 | Note | % |
|--|---|----------|-----------------------|
| 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 \leq x % < 0.05 |
| 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 \leq x % < 0.0002 |

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

Information on ingredients :

[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.

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.

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

Seek medical attention immediately, 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

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 (CO₂)

> 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 (CO₂)

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

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.

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

▷ **Fire prevention :**

- Handle in well-ventilated areas.
- 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.
- 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.

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 : |
|------------|------------------------|--------|-----------|--------------|------------|
| 55965-84-9 | 0.05 mg/m ³ | - | - | - | - |

- Switzerland (SUVAPRO 2017) :

| CAS | VME | VLE | Valeur plafond | Notations |
|-----------|-------------------------|-------------------------|----------------|-----------|
| 2682-20-4 | 0.2 i mg/m ³ | 0.4 i mg/m ³ | | 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.
- 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 EN374.
- 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.

Setasilk : all colours - FDS124

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties :

- Impervious gloves in accordance with standard EN374

↳ - **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 to prevent skin contact.

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

Suitable type of protective boots :

In the event of minor spatter, wear protective boots or half-boots against chemical risks in accordance with standard EN13832-2.

In the event of prolonged contact, wear boots or half-boots with liquid-chemical-resistant and waterproof soles and uppers in accordance with standard EN13832-3.

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

General information :

Physical state :

Fluid liquid.

Important health, safety and environmental information

pH :

8.50 .
Slightly basic.

Boiling point/boiling range :

Not relevant.

Flash point interval :

Not relevant.

Vapour pressure (50°C) :

Not relevant.

Density :

1.02

Water solubility :

Dilutable.

Melting point/melting range :

Not relevant.

Self-ignition temperature :

Not relevant.

Decomposition point/decomposition range :

Not relevant.

9.2. Other information

VOC (g/l) :

14.16

↳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

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 (CO₂)

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

Splashes in the eyes may cause irritation and reversible damage
May cause an allergic reaction by skin contact.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

No toxicological data available for the mixture.

> 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 91-64-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
- CAS 90-43-7 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
- CAS 67-63-0 : 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 64-17-5 : IARC Group 1 : The agent is 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. 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.

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

Version 6.1 (25/06/2020) - Page 7/8

Setasilk : all colours - FDS124

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

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

>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:

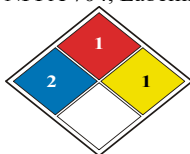
No data available.

- 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=2 Inflammability=1 Instability/Reactivity=1 Specific Risk=none

**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. |
| H310 | Fatal in contact with skin. |

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

Version 6.1 (25/06/2020) - Page 8/8

Setasilk : all colours - FDS124

| | |
|--------|---|
| 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. |
| 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 :

UFI : Unique Formula 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).
GHS07 : Exclamation mark
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.

| Références | Désignation Référence |
|------------|--|
| 756485 | SET INITIATION SETASILK 6 FLACONS ASSORTIS DE 20 ML |
| 758407 | SETASILK COFFRET ATELIER |
| 758307 | KIT SETASILK 8X20ML |
| 753407 | SETASILK COLLECTION DECOUVERTE 6 FLACONS ASSORTIS DE 20 ML |
| 753007 | SETASILK COL DECOUV FR/GB/IT/N |
| 269000 | SETASILK : ASSORTIMENT 10 FLACONS 45 ML |
| 758485 | COFFRET COLLECTION SETASILK - 10X45ML |
| 185029 | SETASILK 250ML EBENE |
| 185028 | SETASILK 250ML SAUMON |
| 185027 | SETASILK 250ML VERT BRONZE |
| 185026 | SETASILK 250ML ONYX |
| 185025 | SETASILK 250ML GRIS ARGENT |
| 185024 | SETASILK 250ML VIEIL OR |
| 185023 | SETASILK 250ML CANNELLE |
| 185022 | SETASILK 250ML CASTOR |
| 185021 | SETASILK 250ML CHATAIGNE |
| 185020 | SETASILK 250ML CARAMEL |
| 185019 | SETASILK 250ML VERT MOUSSE |
| 185018 | SETASILK 250ML EMERAUDE |
| 185017 | SETASILK 250ML VERT PRAIRIE |
| 185016 | SETASILK 250ML VERT ORIENT |
| 185015 | SETASILK 250ML TURQUOISE |
| 185014 | SETASILK 250ML AZUR |
| 185013 | SETASILK 250ML CYAN |
| 185012 | SETASILK 250ML BLEU GITANE |
| 185011 | SETASILK 250ML MARINE |
| 185010 | SETASILK 250ML IRIS |
| 185009 | SETASILK 250ML PRUNE |
| 185008 | SETASILK 250ML FRAMBOISE |
| 185007 | SETASILK 250ML MAGENTA |
| 185006 | SETASILK 250ML ROUGE HERMES |
| 185005 | SETASILK 250ML ROUGE COQUELI |
| 185004 | SETASILK 250ML CORAIL |
| 185003 | SETASILK 250ML MANDARINE |
| 185001 | SETASILK 250ML JAUNE PRIMAIRE |
| 181929 | SETASILK 45ML EBONY |
| 181917 | SETASILK 45ML MEADOW GREEN |
| 181915 | SETASILK 45ML TURQUOISE |
| 181914 | SETASILK 45ML AZURE BLUE |
| 181913 | SETASILK 45ML CYAN |
| 181910 | SETASILK 45ML IRIS VIOLET |
| 181909 | SETASILK 45ML PLUM |
| 181908 | SETASILK 45ML RASPBERRY |
| 181907 | SETASILK 45ML MAGENTA |
| 181906 | SETASILK 45ML HERMES RED |
| 181905 | SETASILK 45ML POPPY RED |
| 181903 | SETASILK 45ML TANGERINE |
| 181902 | SETASILK 45ML BUTTERCUP |
| 181901 | SETASILK 45ML PRIMARY YELLOW |
| 181029 | SETASILK 45ML EBENE |
| 181028 | SETASILK 45ML SAUMON |
| 181026 | SETASILK 45ML ONYX |
| 181025 | SETASILK 45ML GRIS ARGENT |
| 181023 | SETASILK 45ML CANNELLE |
| 181022 | SETASILK 45ML CASTOR |
| 181021 | SETASILK 45ML CHATAIGNE |
| 181019 | SETASILK 45ML VERT MOUSSE |
| 181017 | SETASILK 45ML VERT PRAIRIE |
| 181016 | SETASILK 45 ML VERT D'ORIENT |
| 181015 | SETASILK 45ML TURQUOISE |
| 181014 | SETASILK 45ML AZUR |
| 181013 | SETASILK 45ML CYAN |
| 181012 | SETASILK 45ML BLEU GITANE |
| 181011 | SETASILK 45ML MARINE |
| 181010 | SETASILK 45ML IRIS |
| 181009 | SETASILK 45ML PRUNE |

| | |
|--------|---------------------------------|
| 181008 | SETASILK 45ML FRAMBOISE |
| 181007 | SETASILK 45ML MAGENTA |
| 181006 | SETASILK 45ML ROUGE HERMES |
| 181005 | SETASILK 45 ML ROUGE COQUELICOT |
| 181003 | SETASILK 45ML MANDARINE |
| 181002 | SETASILK 45ML BOUTON OR |
| 181001 | SETASILK 45ML JAUNE PRIMAIRE |