

**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 : Vitrea 160 all colours
 Product code : FDS111.
 See list of references in appendix.

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

2-METHYLISOTHIAZOL-3(2H)-ONE

613-088-00-6

1,2-BENZISOTHIAZOL-3(2H)-ONE

613-167-00-5

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 5.1 (23/09/2019) - Page 2/8

Vitrea 160 all colours - FDS111**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 <= x % < 0.07
INDEX: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS05, GHS07, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1	[1]	0 <= 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 Chronic 1, H410 M Chronic = 100 EUH:071	B [1]	0 <= x % < 0.001

(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.

Vitrea 160 all colours - FDS111**▷ 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

Vitrea 160 all colours - FDS111

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.

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 : Viscous liquid.

▷ Important health, safety and environmental information

pH : 8.80 .

Boiling point/boiling range : Slightly basic.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : 1.03

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) : 2.73

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

Version 5.1 (23/09/2019) - Page 6/8

Vitrea 160 all colours - FDS111

>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 9003-01-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity 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.

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

Version 5.1 (23/09/2019) - Page 7/8

Vitrea 160 all colours - FDS111**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

-

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. 2018/1480 (ATP 13)

- Container information:

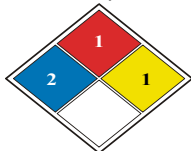
No data available.

- 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.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic 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.
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 :

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
756461	SET INITIATION V160 COUL 1 6 FLACONS ASSORTIS DE 20 ML
756463	SET INITIATION V160 COUL PASTEL 6 FLACONS ASSORTIS DE 20 ML
756462	SET INITIATION V160 COUL2 6 FLACONS ASSORTIS DE 20 ML
757461	SET EXPLORATION V160 BR - 12 FLACONS ASSORTIS 20 ML
758461	COFFRET COLLECTION V160 COUL 1 10X45ML
111031	VITREA 160 BRILLANT 45ML BLEU CLAIR
111032	VITREA 160 BRILLANT 45ML VERT CLAIR
111032	VITREA 160 BRILLANT 45ML VERT CLAIR
765205	COFFRET INSPIRATION PULSE
765203	3XSET INSPIRATION PULSE V160
758404	VITREA 160 COFFRET ATELIER
754404	VITREA 160 COLLECTION DECOUVERTE 12 FLACONS ASSORTIS DE 20 ML - BRILLA
753414	VITREA 160 COLLECTION DECOUVERTE 6 FLACONS ASSORTIS DE 20 ML - DEPOLI
753404	VITREA 160 COLLECTION DECOUVERTE 6 FLACONS ASSORTIS DE 20 ML - BRILLAN
752403	SET V160 3X45ML+1MARQUEUR
758462	COFFRET COLLECTION V160 COUL 2 - 10X45ML
113311	PRES V160 NOEL RELIEF&MED DEP
113066	VITREA 160 45 ML ARGENT MOIRE
113061	VITREA 160 45ML ORANGE VIF MOIRE
113064	VITREA 160 45ML TURQUOISE MOIRE
112939	V160 FROSTED 45ML CLOUD
112938	V160 FROSTED 45ML ANISEED
112937	V160 FROSTED 45ML MINT
112936	V160 FROSTED 45ML AZURE
112935	V160 FROSTED 45ML BLUE GITANE
112934	V160 FROSTED 45ML MAUVE
112933	V160 FROSTED 45ML PINK
112932	V160 FROSTED 45ML GRENADINE
112931	V160 FROSTED 45ML ORANGE
112930	V160 FROSTED 45ML LEMON
112539	VIT160 DEP 1L NUAGE
112538	VIT160 DEP 1L ANIS
112532	VIT160 DEP 1L GRENADINE
112100	V160 DEP 10X45ML ASSORTIS
112039	VITREA 160 DEPOLI 45 ML NUAGE
112038	VITREA 160 DEPOLI 45 ML ANIS
112037	VITREA 160 DEPOLI 45ML MENTHE
112036	VITREA 160 DEPOLI 45 ML AZUR
112035	VITREA 160 DEPOLI 45ML GITANE
112034	VITREA 160 DEPOLI 45ML MAUVE
112033	VITREA 160 DEPOLI 45 ML ROSE
112032	VITREA 160 DEPOLI 45ML GRENADINE
112031	VITREA 160 DEPOLI 45ML ORANGER
112030	VITREA 160 DEPOLI 45 ML CITRON
111920	V160 GLOSS 45ML VEIL WHITE
111919	V160 GLOSS 45ML INK BLACK
111913	V160 GLOSS 45ML ORIENTAL GREEN
111912	V160 GLOSS 45ML EMERALD
111911	V160 GLOSS 45ML TURQUOISE
111908	V160 GLOSS 45ML LAZULI
111907	V160 GLOSS 45ML AMARANTHINE
111906	V160 GLOSS 45ML BENGAL PINK
111905	V160 GLOSS 45ML INDIAN RED
111904	V160 GLOSS 45ML PEPPER RED
111902	V160 GLOSS 45ML PAPRIKA
111901	V160 GLOSS 45ML SUN YELLOW
111513	VIT160 BRI 1L VERT D'ORIENT
111511	VIT160 BRI 1L TURQUOISE
111509	VIT160 BRI 1L SAPHIR
111507	VIT160 BRI 1L AMARANTHE
111505	VIT160 BRI 1L ROUGE INDIEN
111504	VIT160 BRI 1L ROUGE PIMENT
111503	VIT160 BRI 1L PAPRIKA
111100	VITREA 160ASSORTIMENT 10 FLACONS 45 ML
111020	VITREA 160 BRILLANT 45 ML VOILE BLANC
111019	VITREA 160 BRILLANT 45 ML NOIR D'ENCRE

111018	VITREA 160 BRILLANT 45 ML TERRE BRUNE
111017	VITREA 160 BRILLANT 45ML AMBRE
111016	VITREA 160 BRILLANT 45ML POURPRE
111015	VITREA 160 BRILLANT 45ML THE VERT
111014	VITREA 160 BRILLANT 45ML VERT SANTAL
111013	VITREA 160 BRILLANT 45 ML VERT D'ORIENT
111012	VITREA 160 BRILLANT 45 ML EMERAUDE
111011	VITREA 160 BRILLANT 45 ML TURQUOISE
111010	VITREA 160 BRILLANT 45ML LAQUE BLEUE
111009	VITREA 160 BRILLANT 45ML SAPHIR
111008	VITREA 160 BRILLANT 45 ML LAZULI
111007	VITREA 160 BRILLANT 45 ML AMARANTE
111006	VITREA 160 BRILLANT 45 ML ROSE BENGALE
111005	VITREA 160 BRILLANT 45 ML ROUGE INDIEN
111004	VITREA 160 BRILLANT 45 ML ROUGE PIMENT
111003	VITREA 160 BRILLANT 45 ML PAPRIKA
111002	VITREA 160 BRILLANT 45 ML JAUNE SAFRAN
111001	VITREA 160 BRILLANT 45 ML JAUNE SOLEIL
111021	VITREA 160 BRILLANT 45ML ROSE VIF
111022	VITREA 160 BRILLANT 45ML CYAN
111030	VITREA 160 BRILLANT 45ML ROSE CLAIR