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 : CLASSIDUR MODERN PLUS

Product code : .

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

Identified uses	Matt interior renovating paint
Uses advised against	This product is not recommended for any industrial, professional or consumer use other than the identified use above.

1.3. Details of the supplier of the safety data sheet

Registered company name : VERNIS CLAESSENS SA.

Address : Route du silo 6.CH-1020 .Renens.Suisse.

Telephone : +41 (0)21 637 17 17. Fax : +41 (0)21 637 17 29.

reach@claessens.com

www.claessens.com

Poison centre: France +33 140 05 48 48. Deutschland +49 551 19240. Italia +39 06 305 4343. Nederland +31 30 274 88 88.

1.4. Emergency telephone number : +41 (0)44 251 51 51.

Association/Organisation : centre toxicologique Zurich.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Repeated exposure may cause skin dryness or cracking (R 66).

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 directives 67/548/EEC, 1999/45/EC and their amendments.

Risk phrase :

R 66	Repeated exposure may cause skin dryness or cracking.

Safety phrase :

S 2	Keep out of the reach of children.
S 23	Do not breathe vapour nor spray
S 24	Avoid contact with skin.
S 62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

No data available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
EC: 918-167-1 REACH: 01-2119472146-39-0000 HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS	GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 4, H413 EUH:066	Xn Xn;R65 R53-R66		10 <= x % < 25

CAS: 1317-65-3 EC: 215-279-6 CARBONATE DE CALCIUM NATUREL (CALCAIRE)				10 <= x % < 25
CAS: 13463-67-7 EC: 236-675-5 REACH: 01-2119489379-17-0000 DIOXYDE DE TITANE				10 <= x % < 25
CAS: 14807-96-6 EC: 238-877-9 TALC				2.5 <= x % < 10
CAS: 29911-28-2 EC: 249-951-5 1-(2-BUTOXY-1-MÉTHYLETHOXY)PROPANE-2-OL		Xn Xn;R22		0 <= x % < 2.5
CAS: 7631-86-9 EC: 231-545-4 DIOXYDE DE SILICIUM				0 <= x % < 2.5

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 soft, 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.

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 :

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

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

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 fire-fighters

Avoid inhaling the vapors.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

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.

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.

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

Provide vapor extraction at the emission source and also general ventilation of the premises.

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 :

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

CAS	VME :	VME :	Excess	Notes
7631-86-9	-	4 mg/m3 E	-	DFG, 2, Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
1317-65-3	-	10	-	-	-	-
13463-67-7	-	10	-	-	-	-

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3	-	-	-	-
14807-96-6	1 mg/m3	-	-	-	R

- Switzerland (SUVA 2009) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Temps :	RSB :
1317-65-3	3 a	-	-	-	-	-
13463-67-7	3a	-	-	-	-	-
14807-96-6	2a	-	-	-	-	-
7631-86-9	-	-	-	-	-	-

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3	-	-	-	TI
14807-96-6	1 mg/m3	-	-	-	R

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

DIOXYDE DE TITANE (CAS: 13463-67-7)

Final use:	**Workers.**
Exposure method:	Inhalation.
Potential health effects:	Long term local effects.
DNEL :	10 mg of substance/m3

Predicted no effect concentration (PNEC):

DIOXYDE DE TITANE (CAS: 13463-67-7)

Environmental compartment:	Soil.
PNEC :	100 mg/kg
Environmental compartment:	Fresh water.
PNEC :	0.127 mg/l
Environmental compartment:	Sea water.
PNEC :	1 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	0.61 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	1000 mg/l
Environmental compartment:	Marine sediment.
PNEC :	100 mg/l
Environmental compartment:	Waste water treatment plant.
PNEC :	100 mg/l
Environmental compartment:	Vermivore predators (oral).
PNEC :	1667 mg/kg

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

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.

Type of gloves recommended :

- PVA (Polyvinyl alcohol)

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.

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 :	Not relevant.
Boiling point/boiling range :	not specified.
Flash point interval :	not relevant.
Vapour pressure :	Below 110 kPa (1.10 bar).
Density :	1.42
Water solubility :	Insoluble.
Melting point/melting range :	not specified.
Self-ignition temperature :	not specified.
Decomposition point/decomposition range :	not specified.

9.2. Other information

VOC (g/l) :	348

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

10.5. Incompatible materials

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

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances

Acute toxicity :

1-(2-BUTOXY-1-MÉTHYLETHOXY)PROPANE-2-OL (CAS: 29911-28-2)

Oral route :	DL50 = 3700 mg/kg Species : Rat
Dermal route :	DL50 = 5330 mg/kg Species : Rabbit
Inhalation route :	CL50 > 2.04 mg/l Species : Rat

DIOXYDE DE TITANE (CAS: 13463-67-7)

Oral route :	DL50 = 10000 mg/kg
Dermal route :	DL50 > 10000 mg/kg Species : Rabbit
Inhalation route :	CL50 > 6.82 mg/l

CARBONATE DE CALCIUM NATUREL (CALCAIRE) (CAS: 1317-65-3)

Oral route :	DL50 = 6450 mg/kg Species : Rat

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

Oral route :	DL50 > 5000 mg/kg Species : Rat (recommended by the CLP) OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	DL50 > 5000 mg/kg Species : Rabbit (recommended by the CLP) OECD Guideline 402 (Acute Dermal Toxicity)
Inhalation route :	CL50 > 5000 mg/m3 Species : Rat (recommended by the CLP) OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/skin irritation :

DIOXYDE DE TITANE (CAS: 13463-67-7)

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

Corrosivity :	No observed effect.

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Germ cell mutagenicity :

DIOXYDE DE TITANE (CAS: 13463-67-7)

No mutagenic effect.

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

No mutagenic effect.

Carcinogenicity :

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

Carcinogenicity Test : Negative.
No carcinogenic effect.
OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicant :

DIOXYDE DE TITANE (CAS: 13463-67-7)

No toxic effect for reproduction

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

No toxic effect for reproduction

OECD Guideline 414 (Prenatal Developmental Toxicity Study)
OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

11.1.2. Mixture

No toxicological data available for the mixture.

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 7631-86-9 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 14807-96-6 : 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

12.1.1. Substances

Substances classified as category 1 acute toxicity :

1-(2-BUTOXY-1-MÉTHYLETHOXY)PROPANE-2-OL (CAS: 29911-28-2)

Fish toxicity : Duration of exposure : 96 h
CL50 = 841 mg/l
Species : Poecilia reticulata

DIOXYDE DE TITANE (CAS: 13463-67-7)

Fish toxicity : Duration of exposure : 96 h
CL50 > 100 mg/l
Species : Oncorhynchus mykiss
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : Duration of exposure : 48 h
CE50 > 100 mg/l
Species : Daphnia magna
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : Duration of exposure : 72 h
CEr50 = 61 mg/l
Species : Pseudokirchnerella subcapitata
OECD Guideline 201 (Alga, Growth Inhibition Test)

Substances classified as category 1 chronic toxicity :

DIOXYDE DE TITANE (CAS: 13463-67-7)

Fish toxicity :	Duration of exposure : 96 h CL50 > 1000 mg/l Species : Phoxinus phoxinus

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.

SECTION 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 2011 - IMDG 2010 - ICAO/IATA 2012).

SECTION 15 : REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :

The permitted European level of VOC in this ready-to-use product is limited to 350 g/l.

The permitted European levels of VOC in the ready-to-use product (category IIAg) are 450 g/l maximum in 2007 and 350 g/l maximum in 2010.

- 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.

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

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.
R 22	Harmful if swallowed.
R 53	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.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

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 : Wassergefahrdungsklasse (Water Hazard Class).