GENERAL DESCRIPTION

Definition:
Matt water-based stain blocking indoor paint for walls and ceilings producing a particularly high-quality finish, highly suitable for retouching

Binder:
Based on water-emulsified alkyl resins Hybrid Cationic Technology®

Properties:
- “Absolute matt” finish
- No overlapping marks, even in low-angled light and on large surface areas
- Film has extended wet edge time
- Highly suitable for retouching
- Dry stain blocking (e.g. water stains, nicotine)
- No marks on absorbent substrates, even on plasterboard
- Wet abrasion resistance, class 1 according to EN 13.300
- No odour
- Tension-free

Area of application:
Classidur RenoPerfect Mat creates, both on walls and ceilings, particularly neat finishes while covering nicotine, soot, dried water stains. Its essential qualities: No overlapping marks, even in low-angled light and on large surfaces, suitable for touching up, deep matt colour, ultra-smooth finish. In addition, because of its excellent resistance to wet abrasion, the use of Classidur RenoPerfect Matt is ideal for walls.

CHARACTERISTICS ON DELIVERY

Viscosity: viscous
Tint: white / pastel base (PA), medium base (ME) and clear base (TR)
Odour: negligible
Shelf life at 20°C: 18 months in tightly closed containers. Protect from frost and heat
Packaging: 1L - 5l - 12,5l
VOC: 2004/42/CE A/a 30 g/l (2010) max. 1 g/l

RESULTS OF MEASUREMENT

Appearance: absolute matt (< 1.2% at an angle of 85°)
Density: 1.06 (average value)
Solids: 64% by weight (average value)

Drying time at 20°C and 65% relative humidity
- Touch-dry in about 1 hour depending on temperature and humidity levels
- Ready for a second coat after 4 hours
- Add a second coat once the first coat is matt
- Totally dry and resistant after 48 hours
- The resistance to wet abrasion and polishing is reached after a minimum of 5 days hardening

A low temperature and high humidity will slow down the drying process.

Covering power: class 2 according to EN 13.300 for 8 m²/l
Water vapour permeability: Class I (high, with Sd of 0.07m) according to ISO 7783-3
Wet abrasion resistance: class 1 according to EN 13.300

APPLICATION

State of substrate:
Prepared, dry, dusted and coherent.

Method of application:
Brush, roller, airless spray.

Dilution:
- On normal absorbent substrates: ready to use Dilute the first coat with max. 3% water.
- Highly absorbent substrates (plaster, plaster blocks...): dilute the first layer with approximately 10% water.
- Dilution may reduce stain coverage.

Cleaning of tools:
Directly after use with water.

Tinting
The RenoPerfect does not have specific and known incompatibilities with universal colouring pastes used on other colour mixing systems, but a test is always recommended in this case.

Minimum application temperature:
+6°C (surface temperature)

Consumption:
6-8 m²/kg (8-11 m²/l) according to the nature and absorption of the substrate

Application system:
- 1-2 coats depending on the state of the substrate.
- Depending on the stains, it may be necessary to use a primer, such as 1 x Classidur Universal Xtrem Epoxy Primer

Note:
- Apply preferably with a textured polyamide roller, 12-14 mm
- It is not recommended to use Classidur RenoPerfect Mat in damp premises
- Prefer Classidur Aquasil AF Mat or Classidur AF.
- Classidur RenoPerfect Mat contains alkyl resins - not to be used on fresh concrete or other alkaline substrates (risk of saponification)
- Do not mix with other paints
- Do not apply on lime wash. For this application, use Classidur Goldenclassic or ModernPlus2.
- Classidur RenoPerfect Mat is not a primer intended to be covered
- Use and leave to dry in well-ventilated areas
- Unpacked foodstuffs should be moved before application and during drying.
- See safety data sheet on www.claessens.com
SAFETY DATA SHEET
(REACH regulation (EC) n° 1907/2006 - no 2015/830)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name: Classidur RenoPerfect Mat

1.2. Relevant identified uses of the substance or mixture and uses advised against
Consumer and professional
Identified uses: Paint / see technical data sheet

1.3. Details of the supplier of the safety data sheet
Registered company name: VERNIS CLAESSENS SA.
Telephone: +41 (0)21 637 17 17. Fax: +41 (0)21 637 17 29.
mail@claessens.com
www.claessens.com

REACH EU Only Representative: ICP Alltek, Lagnieu (France) reach@icp-alltek.com

1.4. Emergency telephone number: 145.
Association/Organisation: centre toxicologique Zurich.

Other emergency numbers
England: 0845 46 47 / Belgium: +32 70 245 245

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.
Unclassified.

Additional labeling:
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
EUH208 Contains 2-METHYL-2HISOTHIAZOL-3-ONE. May produce an allergic reaction.

Precautionary statements - General: P102 Keep out of reach of children.
Precautionary statements - Prevention: P271 Use only outdoors or in a well-ventilated area.
Precautionary statements - Disposal: P501 Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards
The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table
The mixture fulfills 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:

<table>
<thead>
<tr>
<th>Identification</th>
<th>(EC) 1272/2008 Note</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDEX: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9</td>
<td>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</td>
<td>0 &lt;= x % &lt; 1</td>
</tr>
<tr>
<td>1,2-BENZISOTHIAZOL-3(2H)-ONE</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>CAS: 2634-33-5 EC: 220-120-9</td>
<td>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</td>
<td>0 &lt;= x % &lt; 1</td>
</tr>
<tr>
<td>2-METHYL-2HISOTHIAZOL-3-ONE</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>CAS: 2682-20-4 EC: 220-239-6</td>
<td>GHS05, GHS07, GHS09 Dgr Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1</td>
<td>0 &lt;= x % &lt; 1</td>
</tr>
<tr>
<td>Mixture of: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)</td>
<td>GHS05, GHS07, GHS09 Dgr Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1</td>
<td>0 &lt;= x % &lt; 1</td>
</tr>
</tbody>
</table>

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 exposure by inhalation:
In the event of an allergic reaction, seek medical attention.

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:
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 (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 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.

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 :

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

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>55965-84-9</td>
<td>0.05 mg/m³</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

- Switzerland (SUVAPRO 2017) :

<table>
<thead>
<tr>
<th>CAS</th>
<th>VME</th>
<th>VLE</th>
<th>Valeur plafond</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2682-20-4</td>
<td>0,2 i mg/m³</td>
<td>0,4 i mg/m³</td>
<td>S SSC</td>
<td></td>
</tr>
</tbody>
</table>

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 :
  - Natural latex
  - Impervious gloves in accordance with standard EN374

- 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

General information :
  Physical state : Viscous liquid.

Important health, safety and environmental information
  pH : Not stated.
       Neutral.
  Boiling point/boiling range : Not specified.
  Flash point interval : Not relevant.
  Vapour pressure (50°C) : Not relevant.
  Density : > 1
  Water solubility : Dilutable.
  Melting point/melting range : Not specified.
  Self-ignition temperature : Not specified.
  Decomposition point/decomposition range : Not specified.
9.2. Other information
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

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
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.

SECTION 12 : ECOLOGICAL INFORMATION

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

12.1. Toxicity

12.1.1. Substances
2-METHYL-2HISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Fish toxicity:
- LC50 = 6 mg/l
  Species: Oncorhynchus mykiss
  Duration of exposure: 96 h
  OECD Guideline 203 (Fish, Acute Toxicity Test)

  NOEC = 2.38 mg/l
  Species: Pimephales promelas
  Duration of exposure: 28 days
  OECD Guideline 210 (Daphnia sp. Acute Immobilisation Test)

Crustacean toxicity:
- EC50 = 1.68 mg/l
  Species: Daphnia magna
  Duration of exposure: 48 h
  OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

  NOEC = 0.55 mg/l
  Species: Daphnia magna
  Duration of exposure: 21 days
Classidur RenoPerfect Mat

OECD Guideline 211 (Daphnia magna Reproduction Test)

Algae toxicity:
ECr50 = 0.157 mg/l
Species: Pseudokirchnerella subcapitata
Duration of exposure: 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 0.03 mg/l
Species: Pseudokirchnerella subcapitata
Duration of exposure: 72 h

12.1.2. Mixtures
No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances
2-METHYL-2HISOTHIAZOL-3-ONE (CAS: 2682-20-4)
Biodegradability: Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances
2-METHYL-2HISOTHIAZOL-3-ONE (CAS: 2682-20-4)
Octanol/water partition coefficient: log Koec = -0.32
Bioaccumulation: BCF = 3.16

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. Conform to local regulations about water protection.
Waste and used packages must be eliminated following local regulations.

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.

15 01 04 metallic packaging
15 01 02 plastic packaging
08 01 12 waste paint and varnish other than those mentioned in 08 01 11
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
Swiss Ordinance on Protection against Major Accidents no threshold quantity

- Classification and labelling information included in section 2:
The following regulations have been used:
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

- Container information:
No data available.

- Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :
The permitted European levels of VOC in the ready-to-use product (category IIAa) are 75 g/l maximum in 2007 and 30 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.

Wording of the phrases mentioned in section 3 :

H301 Toxic if swallowed.
H302 Harmful if swallowed.
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.
**Classidur RenoPerfect Mat**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H331</td>
<td>Toxic if inhaled.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

**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 : Wassergefahrungsgrade (Water Hazard Class).
PBT : Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.