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 : PROTECTGUARD COLOR
Product code : 9820.

1.2. Relevant identified uses of the substance or mixture and uses advised against
Protection and decoration products Concrete

1.3. Details of the supplier of the safety data sheet
Registered company name : GUARD INDUSTRIE S.A.S..
Address : 7 Rue Gutenberg.93100.Montreuil.France.
Telephone : 0155861760.     Fax : 0148581689.
info@guardindustrie.com
www.guardindustrie.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

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
Mixture for spray application.
In compliance with EC regulation No. 1272/2008 and its amendments.
Additional labeling :
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
EUH210 Safety data sheet available on request.
Hazard statements :

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 satisfies 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</th>
<th>Note</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDEX: GI000133.3</td>
<td>GHS07</td>
<td>1 &lt;= x % &lt; 2.5</td>
<td></td>
</tr>
<tr>
<td>CAS: 5131-66-8</td>
<td>Wng</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-BUTOXY-2-PROPANOL</td>
<td>Skin Irrit. 2, H315</td>
<td>Eye Irrit. 2, H319</td>
<td></td>
</tr>
</tbody>
</table>
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 immediately and thoroughly with water during 15 minutes. Consult a doctor.

In the event of splashes or contact with skin:
In the event of an allergic reaction, seek medical attention.
Wash with water and soap. If any sign/symptom develops, seek for medical assistance.

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

Suitable methods of extinction
In the event of a fire, use:
- multipurpose ABC powder

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 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.

Professionnal use only.

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
Maximal storage time: 12 Months

Storage
Storage temperature: between 5 and 25°C.

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
No data available.

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

<table>
<thead>
<tr>
<th>TRIETHOXY(2,4,4-TRIMETHYL-PENTYL)SILANE (CAS: 35435-21-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Final use:</strong></td>
</tr>
<tr>
<td>Exposure method:</td>
</tr>
<tr>
<td>Potential health effects: Long term systemic effects.</td>
</tr>
<tr>
<td>DNEL :</td>
</tr>
</tbody>
</table>
Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL: 84 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Long term local effects.
DNEL: 84 mg of substance/m³

Final use: Man exposed via the environment.
Exposure method: Ingestion.
Potential health effects: Short term systemic effects.
DNEL: 7.5 mg/kg body weight/day

Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL: 1.25 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Short term systemic effects.
DNEL: 43 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL: 7 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL: 107.2 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Short term local effects.
DNEL: 107.2 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL: 17.9 mg of substance/m³

Predicted no effect concentration (PNEC):
TRIETHOXY(2,4,4-TRIMETHYL-PENTYL)SILANE (CAS: 35435-21-3)
Environmental compartment: Soil.
PNEC: 1020 mg/kg

Environmental compartment: Fresh water.
PNEC: 0.64 mg/l

Environmental compartment: Sea water.
PNEC: 0.064 mg/l

Environmental compartment: Intermittent waste water.
PNEC: 1 mg/l

Environmental compartment: Fresh water sediment.
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.
  - 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
  - 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.

- Respiratory protection
  - In case of long time application or use in a bad ventilated area, use a F3-type mask.

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 +/-0.5.
Slightly basic.

Boiling point/boiling range : Not specified.
Flash point interval : Not relevant.
Vapour pressure (50°C) : Not relevant.
Density : = 1
Water solubility : Soluble.
Melting point/melting range : Not specified.
Self-ignition temperature : Not specified.
Decomposition point/decomposition range : Not specified.

9.2. Other information
N/A

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

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
Acute toxicity :
1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)
Oral route : LD50 = 500 mg/kg
Species : Rat

11.1.2. Mixture
Respiratory or skin sensitisation :
Contains at least one sensitising substance. May cause an allergic reaction.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances
1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)
Fish toxicity : LC50 < 1 mg/l
12.1.2. Mixtures
No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)
Biodegradability: Non-rapidly degradable.

TRIETHOXY(2,4,4-TRIMETHYLPENTYL)SILANE (CAS: 35435-21-3)
Biodegradability: no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

12.3.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)
Octanol/water partition coefficient: log Koe = 1.45
Bioaccumulation: BCF = 2

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.

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. 758/2013.
    - EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
    - EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.
- Container information:
  No data available.
- 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:
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

Abbreviations:
- DNEL : Derived No-Effect Level
- PNEC : Predicted No-Effect Concentration
- ADR : European agreement concerning the international carriage of dangerous goods by Road.
- 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.