



IMPERGUARD®

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Type of product	: A surface water repellent protection for porous building materials
Use	: See product bulletin for detailed information.
Company identification	Manufactured: UK & Ireland: GUARD INDUSTRIE GUARD INDUSTRY (UK) LTD 7 rue Gutenberg 7200 The Quorum 93100 MONTREUIL Oxford Business Park North FRANCE Garsington Road OXFORD. OX4 2JZ Tel: +33 (0)1.55.86.17.60 Tel: +44 (0)870 7345972 Fax:+33 (0)1.48.58.16.89 Fax: +44 (0)870 7345973

2 HAZARDS IDENTIFICATION

Risk phrases	: Contact with eyes and skin
Primary route of exposure	
- Inhalation	: Not considered as dangerous under normal conditions of use
- Skin contact	: This product is not dangerous
- Eye contact	: Redness, pain, blurred vision
- Ingestion	: Ingestion unlikely

3 COMPOSITION / INFORMATION ON INGREDIENTS

Constituents/ impurities	: Water-borne chlorophyllane solution. No substance presenting a danger to either human health or the environment is higher than 1%, no substance presenting a limit value of professional exposition according to the meaning of the article R232-5-5 and to the decree of the 20 of April 1994 amended. ImperGuard is not classified as a dangerous product (directive 1999/45/CE) Contains no substances presenting a danger to either health or the environment (directive 67 / 548 / EEC)
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4 FIRST AID MEASURES

First aid measures	
- Inhalation	: Not specifically concerned (water-based liquid).
- Skin contact	: Rinse immediately and abundantly with soapy water.
- Eye contact	: Rinse immediately and abundantly by clean and cool water, at least for 10 minutes, while regularly pulling up the eyelid. Consult a doctor immediately if the pain, blinking, whimpering or the redness persists.
- Ingestion	: Consult a doctor immediately.

5 FIRE – FIGHTING MEASURES

Flammable class	: Non- flammable and non explosive product.
Extinguishing media	: Moss, powders, carbon dioxide.
Uadvisable	: None according to us. In case of fire close by, use adapted extinguishing media.
Specific hazards	: Hazardous products of burning: nitrous gas.
Protection against fire	: Wear adequate protection equipment.
Special procedures	: Fire can produce a heavy black smoke. Consequently to the thermal decomposition, dangerous substances may be formed: carbon monoxide, carbon dioxide. The exposure to these substances can be dangerous for health.



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6 ACCIDENTAL RELEASE MEASURES

Personal precautions	: Individual equipment: gloves in rubber, security glasses. Stop the leak. Straighten damaged containers (leak at the top) to stop the liquid flow. Delete all source of ignition.
Precautions for the environment	: Do not discharge in sewers or rivers. In case of important spreading, dyke to stop the flow.
Clean up methods	:
Recovery	: Sweep or collect spilt product and put it in a suitable vessel for removal and subsequent disposal. Keep the recovered product for an ulterior use.
Counteraction	: Absorb the liquid non recoverable with: dry sand or a dry inert absorbent.
Cleaning / decontamination	: Clean soil abundantly.
Disposal	: Burn impregnated matters in an allowed installation.

7 HANDLING AND STORAGE

Handling	
Technical measures	: No need for any specific technical measure.
Precautions to be taken	: Avoid fog formation or scattering in the atmosphere.
Recommendations	: Respect conditions of use (refer to technical data sheet).
Storage	
Technical measures	: Take all necessary conditions to avoid accidental discharge of the product in sewers or rivers, in case of break of containers or transfer system.
Recommended storage conditions	: To certify the quality and the properties of the product, keep : the container well closed, away from freeze, in a temperature not higher than 30°C, away from any source of ignition.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical measures	: No need for any specific technical measure provided the respect of general security and industrial hygiene rules.
Individual protection	
Hand protection	: Protection gloves in nitrile rubber.
Eye protection	: Wear security glasses with a lateral protection to avoid any damage due to volatile particle and/or to any eye contact with the product.
Collective emergency means	: Ocular fountain. Security showers.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Colour	: Colourless
Odour	: Light
pH value	: 7 ± 0.5
BoilingPoint [°C]	: 100 (in water)
Fixing [°C]	: 0 (beginning of fixing) (in water)
Flash point [°C]	: Not applicable (water-based liquid)
Combustible properties	: Not combustible according to CE standards
Vapour pressure	: 23hPa, at 20°C (water)
Density	: Approximately 1000kg/m ³ at 25°C
Solubility in water [°C]	: Totally
Solubility in organic solvents	: Unsolvable in: acetone, alcohol (ethanol), ether, trichlorethylene, toluene, white spirit.
Kinematic viscosity	: Approximately 12 mm ² /s, at 25°C

10 STABILITY AND REACTIVITY

Stability	: Stable under normal conditions
Hazardous reactions	
Materials to be avoided	: May react with materials incompatible with water



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11 TOXICOLOGICAL INFORMATION

Acute toxicity	: No specific data, but in comparison, the product is not considered as harmful by skin contact or by ingestion.
Local effects	: May cause a light irritation on skin, in case of repeated or extend contact. May cause a light and temporary irritation of ocular mucous.
Sensitization	: Not classified as sensitive product by skin contact (calculation with conventional method).
Specific effects	
Mutagenic	: No data available.

12 ECOLOGICAL INFORMATION

Mobility	: Product that penetrates easily in soils.
Obstinacy / degradability	: Last target area of the product: water.
Biodegradability	
Last aerobic biodegradability	: Part in silicone: no degradable.
Factor of bio concentration	: Part in silicone: no bioaccumulable.

13 DISPOSAL CONSIDERATIONS

Product residues	
Forbidding	: Do not throw waste in sewers.
Destruction/Disposal	: Eliminate in an approved collect site of waste.
Soiled containers	
Decontamination/Cleaning	: Conscientious draining, rinse with water.
Destruction/Disposal	: After cleaning, recycle or eliminate in an approved site.
Comments	: The awareness of the user is attracted on the possible presence of local constraints and prescriptions, relative to the elimination, concerning it.

14 TRANSPORT INFORMATION

ADR/RID	: Not classified
IATA	: Not classified
IMDG	: Not classified

15 REGULATORY INFORMATION

Syboles	: None
R Phrases	: None
S Phrases	: None
Supplementary information	: VOC = < 2 g/l

16 OTHER INFORMATION

R phrases of the §2&3	: No R phrases
Registration numbers	: Polymers are not concerned by the EINECS inventory. Monomers corresponding are registered in EINECS inventory. = All other components of this preparation are registered in EINECS inventory.

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