



# FLOORWORX FLOOR GUARD

## MATERIAL SAFETY DATA SHEET\_

### DESCRIPTION

FloorworX Floor Guard is a water-based acrylic sealer specially designed to restore the gloss on worn vinyl tiles and other synthetic flooring. The good adhesion properties of FloorworX Floor Guard together with the built-in plasticizers make the product suitable as a colourless sealer for virtually any type of substrate. FloorworX Floor Guard is not removable; is extremely hard and durable, and will not discolour with age.

Test	Unit	Specification
Appearance	-	Liquid opaque.
Odour	-	Sweet.
Colour	-	Milky white.
Density	g/cm <sup>3</sup>	1,01 - 1,03
pH		7,5 - 9,0
Flash point	°C	None.
TLV	ppm	1000

### FORMULATION

FloorworX Floor Guard is based on a blend of hard-wearing acrylic emulsions, plasticizers and wetting agents as well as preservatives to ensure long shelf life.

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## PROPERTIES

- Excellent resilient floor sealer with strong bonding properties to substrates.
- Durable and wear resistant surface.
- Compatible with FloorworX acrylic sealer.
- Water-based - applicators can be cleaned in water.
- Economical -1 litre covers 12m<sup>2</sup>.
- Excellent protective coating for painted surfaces.

## APPLICATION

- Clean floor properly to prevent dirt becoming sealed onto the floor.
- Rinse well to remove all traces of cleaning agents.
- Allow floor to dry.
- Apply a thin even coat of Floorworx Floor Guard.
- Allow to dry properly and apply a second coat.
- Allow to dry and apply Floorworx Sealer acrylic sealer.

**THE RECOMMENDATIONS CONTAINED HERE-IN IS BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE, AND IS TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE TERMS AND CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED.**



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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

**Product Name:** FloorworX Floor Guard  
**Issue Date:** September 2011  
**Revision Date:** April 2015  
**Chemical Product Type:** Acrylic emulsion floor sealer.  
**Product Use:** Resilient floor sealer.  
**UN Number:** 3082 (Miscellaneous substances).  
**Supplied by:** FloorworX Africa (Pty) Ltd  
**Company Location:** 32 Steele Street, Steeledale, Johannesburg 2197  
**Chemical Formula:** Not applicable.  
**Emergency Contact Number:** +27 11 406 4024 (FloorworX)  
+27 11 406 4000 (Safic Environmental Solutions)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	Hazardous Components	Approximate %	Limit
N/A	None	N/A	N/A
EEC classification	Irritant, (Xi), FloorworX Floor Guard		
R Phrases	R36		

## 3. HAZARDS IDENTIFICATION

**Main hazard:** Irritant.

**Inhalation:** No effects.

**Skin contact:** Slightly irritant, only after repeated prolonged exposure.

**Eye contact:** Irritant.

**Ingestion:** Nausea, vomiting.

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#### 4. FIRST-AID MEASURES

<b>Inhalation</b>	No effects.
<b>Skin</b>	Wash with soap and water.
<b>Eyes</b>	Rinse with running water with eyes opened for at least 15 min. Seek medical attention.
<b>Ingestion</b>	Drink as much water as possible, seek immediate medical attention.

#### 5. FIRE FIGHTING METHODS

Product is non-flammable, extinguish if the is fire in surrounding area with carbon dioxide, dry powder, water.

<b>Special hazards:</b>	None known.
<b>Protective clothing:</b>	Approved self-contained breathing apparatus should be utilised or equivalent equipment.

#### 6. ACCIDENTAL RELEASE MEASURES – ALSO SEE SECTIONS 5, 8 & 13

<b>Personal precaution:</b>	Avoid eye contact and wash thoroughly in accidental contacts.
<b>Environmental precautions:</b>	Product might be harmful at excessive quantities.
<b>Small spills:</b>	Remove excess with absorbent material and flush residue with plenty of water.
<b>Large spills:</b>	Dyke ahead of liquid spill for later disposal. Prevent the discharge of large amounts of concentrated product into sewerage and watercourses.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Normal handling procedure for detergents to minimise personal exposure.
<b>Storage:</b>	Store in a cool dry area. Keep container closed when not in use.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workers should have access to an eye wash fountain.

If the specific application may result in splashing, safety goggles (VNC11 – supplier – MSA) should be worn.

Neoprene gloves (Technic 420 – supplier – MSA) should be utilised.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White liquid.
<b>Non volatile content (%m/m):</b>	7.5 – 9.0
<b>Density:</b>	1,01 - 1,03 g/cm <sup>3</sup>
<b>Solubility (water):</b>	100%

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	Strong acids.
<b>Hazardous decomposition products:</b>	None known.

## 11 TOXICOLOGICAL INFORMATION (BASED ON GLYCOL ETHER)

<b>Toxicity:</b>	Orl (rat) – LD50 : 6560 mg/kg
<b>Skin &amp; eye contact:</b>	Skn (rabbit) – LD50 : 4120 mg/kg
<b>Carcinogenicity:</b>	No evidence of carcinogenic properties.
<b>Mutagenicity:</b>	No evidence of mutagenic effects
<b>Teratogenicity:</b>	No evidence of teratogenic effects.

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## 12 ECOLOGICAL INFORMATION (BASED ON GLYCOL ETHER)

<b>Acute toxicity – fish:</b>	96hr bioassay LC50 : 2500 mg/l
<b>Acute toxicity – daphnia:</b>	48hr bioassay LC50 > 1000 mg/l
<b>Acute toxicity – algae:</b>	IC50 : > 1000 mg/l
<b>Biodegradability:</b>	77% in 20 days (based on solvent)

## 13 DISPOSAL CONSIDERATIONS

Dilute product 1000 times and run to waste with plenty of water. When disposing large amounts, dispose as per local government agreed method.

## 14 TRANSPORT INFORMATION

<b>UN Number:</b>	3082
<b>Substance identity no. :</b>	FWXT002 (The product is non-hazardous)
<b>ADR/RID class:</b>	Class 9: Irritant liquid
<b>IMDG – packaging group:</b>	III
<b>Marine Pollutant:</b>	No
<b>IMO/IMDG Classification:</b>	IMDG Class 9 Irritant liquid.
<b>IATA Classification:</b>	Class 9 Irritant liquid.

## 15 REGULATORY INFORMATION

<b>EC Classification:</b>	Irritant (Xi)
<b>EC Risk phrases:</b>	R36
<b>EC Safety phrases:</b>	S26

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## 16 OTHER INFORMATION

References: SABS 0265: 1999, SABS 0228: 1995, SABS ISO 11014-1: 1994, M.S.D.S.

(Suppliers of raw's)

### PLEASE NOTE

*The information and recommendations presented on this data sheet are to the best of our knowledge and belief accurate and reliable, but do not constitute a warranty. None of our representatives or agents are authorised to give any guarantee or warranty or make any representation in addition or contrary to the above, and we do not accept liability for claims of any kind for any loss including, without limitation, consequential loss, injury or damage arising from the use of the information or recommendations, or of the products which are subject to the subject matter hereof. These products are sold subject to our standard conditions of sale and tender, copies of which are available on request.*

CONTROLLED DOCUMENT



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