



FLOORWORX SILK MATT SEALER

MATERIAL SAFETY DATA SHEET_

DESCRIPTION

FloorworX Silk Matt Sealer is a durable matt finish water-based acrylic emulsion floor coating that carries the SANS 1042 mark and is suitable for use in high traffic areas.

Test	Unit	Specification
Appearance	-	Milky white opaque liquid
pH	-	8,00 - 9,00
Density	g/cm ³	1,00 - 1,05
Non-volatile content	%	18,0 - 24,0

FORMULATION

FloorworX Silk Matt Sealer is formulated on water-based emulsions of acrylic resins and polyethylene waxes which give safe storage and usage properties. FloorworX Silk Matt Sealer also has a wide range of special coalescing solvents, plasticizers, levelling and spreading agents, added in small amounts, to give good gloss and economic usage properties. FloorworX Silk Matt Sealer is formulated to give best results with the minimum of labour.

PROPERTIES

- Application leaves a silk matt finish - polishing not necessary.
- Long lasting protection that resists black heel marking.
- Acrylic coating does not collect dirt like wax polishes.
- Reduces slipping and sliding.
- Excellent wear resistance.
- Easy to apply - easy to remove.
- Economical - 1 litre covers 20m².
- Water-based - applicators can be cleaned with water.
- Good protective coating for painted floors.

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APPLICATION

Clean floors properly i.e. remove all polishes, oil, dirt, marks etc. Ensure that all detergent is washed off before applying FloorworX Silk Matt Sealer, as any traces left will destroy the gloss and bond of FloorworX Silk Matt Sealer. Apply a thin even coating of FloorworX Silk Matt Sealer. Allow drying and re-applying if necessary. A fresh floor may need 3 applications. FloorworX Silk Matt Sealer may be applied to a wet floor, but will then take longer to dry and will take up a thinner coat that will necessitate further application.

For extra gloss, buffing is possible but should not be necessary, as correct application of FloorworX Silk Matt Sealer gives excellent results. When the coatings have become thick from repeated application, it will be necessary to remove using FloorworX Stripper and re-apply to fresh surface.

MAINTENANCE

When necessary, either the floor may be buffed or another coating of FloorworX Silk Matt Sealer can be applied. FloorworX Spray Buff can be applied to maintain the high gloss should it be required.

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product Name:	FloorworX Silk Matt Sealer
Issue Date:	September 2011
Revision Date:	July 2016
Chemical Product Type:	Emulsions, levelling agents and solvents.
Product Use:	Floor polish.
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 Silk Matt Sealer.		
R Phrases	R36, FloorworX Silk Matt Sealer.		

3. HAZARDS IDENTIFICATION

Main Hazard:	Irritant.
Fire:	Non-flammable.
Inhalation:	No effect.
Skin contact:	Mild irritant.
Eye contact:	Irritant.
Ingestion:	Nausea, vomiting.

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4. FIRST-AID MEASURES

Inhalation	Move patient to fresh air, if there are symptoms.
Skin	Rinse affected area with water.
Eyes	Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If discomfort persists, seek medical attention.
Ingestion	Rinse mouth with water, allow patient as much water as possible. Seek medical attention.

5. FIRE FIGHTING METHODS

Extinguishing Media:	Product non-flammable. Use extinguishing agents for surrounding fire.
Special hazards:	None known.
Protective clothing:	Approved self-contained breathing apparatus should be utilised or equivalent equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution:	Avoid eye and skin contact and wash thoroughly in accidental contact.
Environmental precaution:	Product might be harmful at excessive quantities.
Small spills:	Remove excess with absorbent material and flush residue with plenty of water.
Large spills:	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

Handling:	Normal handling procedure for polymer based products to minimise personal exposure.
Storage:	Store in a cool dry place. Keep container closed. No special requirements.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workers should have access to an eye wash fountain.

If prolonged or frequent contact is expected, NEOPRENE gloves (Technic 420–supplier–MSA) should be utilised

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque white liquid
pH:	8.00 – 9.00
Density:	1.00 – 1.04 g/cm ³
Solubility (water):	100 %

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Strong acids.
Hazardous decomposition products:	Toxic fumes may be liberated on decomposition.

11. TOXICOLOGICAL INFORMATION (BASED ON GLYCOL ETHER)

Toxicity:	Acute oral: LD50: 5000 mg/kg, rat. Acute dermal: LD50: 5000 mg/kg, rabbit.
Carcinogenicity:	No evidence of carcinogenic properties.
Mutagenicity:	No evidence of mutagenic effects.
Teratogenicity:	No evidence of teratogenic effects.
Reproductive hazard:	Not expected to impair fertility.

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12. ECOLOGICAL INFORMATION

Acute toxicity – fish:	LC50: 10000 mg/l.
Acute toxicity – daphnia:	LC50: 10000 mg/l
Acute toxicity – algae:	IC50: 5000 mg/l.
Biodegradability:	The product degrades into harmless components.
Bio accumulation:	Not expected, as the product is biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal method:	Dispose as per local agreed government method. The product is non-hazardous.
Disposal of packaging:	Recycle or wash thoroughly and re-use the container.

14. TRANSPORT INFORMATION

UN Number:	3082
Substance identity no. :	FWXS001
ADR/RID class:	Class 9: Irritant liquid
IMDG – packaging group:	III
Marine Pollutant:	No.
IMO/IMDG Classification:	IMDG Class 9 Irritant liquid.
IATA Classification:	Class 9 Irritant liquid.

15. REGULATORY INFORMATION

EC Classification:	Irritant (Xi)
EC Risk phrases:	R36
EC Safety phrases:	S25

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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.

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