



MATERIAL SAFETY DATA SHEET

Description: FloorworX Silk Matt Sealer **Revision Number:** 0

Document Number: MSDS FWXS001

EMULSION FLOOR POLISH

GENERAL

FloorworX Silk Matt Sealer is a durable high gloss water-based acrylic emulsion floor coating that carries the SANS 1042 mark and is suitable for use on hard vinyl and rubber floors in high traffic areas. FloorworX Silk Matt Sealer is a new generation product designed to reduce labour cost and give better properties than previous, polishes.

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.

PRODUCT DESCRIPTION

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

Prepared by: Sabelo Dladla

Reviewed by: Doreen Gwanyuki

Status: Issued

Approved by: Doug Cutter

Revision Date: 20 September 2011

Issue Date: 20 September 2011

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PROPERTIES

- * Self shining - polishing not necessary
- * Long lasting high gloss finish 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

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.

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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.

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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Company Details

Distributor	FloorworX Africa (PTY) LTD		
Address	32 Steele Street, Steeledale, JHB	Tel:	+27 11 406 4024
		Fax:	+27 11 406 4262
Postal Address	PO 1754 Alberton 1450	e-mail:	info@floorworx.co.za
Manufacturer	S.A.F.I.C. (PTY) LTD		
Address	32 Steele Street, Steeledale, JHB,	Tel:	+27 11 406 4000
		Fax:	+27 11 406 4252
Postal Address	PO BOX 1754, Alberton North, 1450	e-mail:	technical@safic.co.za

1. Product Identification

Trade Name	FloorworX Silk Matt Sealer	Product Code: FWXS001
Chemical Family	Emulsions, levelling agents and solvents.	
Chemical Name	Formulated chemical	
Product Use	Floor polish	
UN Number	3082 (Miscellaneous substances)	

2. Composition

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

4. First Aid Measures

Inhalation	Move patient to fresh air, if the are symptoms.
Skin contact	Rinse affected area with water.
Eye contact	Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If discomfort persists, seek medical attention.

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Ingestion	Rinse mouth with water, allow patient as much water as possible. Seek medical attention.
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5. Fire Fighting Measures

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

6. Accidental Release Measures

Personal precaution	Avoid eye contact and wash thoroughly in accidental contacts.
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 & 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.

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
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)

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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

12. Ecological Information (based on glycol ether)

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

16. Other Information

References: SABS 0265: 1999, SABS 0228: 1995, SABS ISO 11014-1: 1994, M.S.D.S. (Suppliers of raw's)
Issued by: Sabelo Dladla
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The information in this MSDS is based on current knowledge and experience at the date of publication. This MSDS summarises our best knowledge of the health and safety hazard information of the product regarding the precautionary handling, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification of the product. The data relates only to the specific product designated, and does not relate to use of the product in combination with any other material or use of the product in any process. The data is not intended to constitute performance information concerning the product. No express warranty or implied warranty of merchantability for fitness for a particular purpose is made with respect to the product and/or its composition.

APPENDIX A

Revision Date (dd/mm/yy)	Issued By	Revision History		Revision No.
		Description	DCN No.	
15/09/2011	Technical Manager	New Issue	MSDS FWXS001	00

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