

Revision 2 Date Issued: January 2014

1. Identification of the substance/preparation and company

Product Name: **Super Satin Base A**

Application: Polyacrylate component of a 2 pack floor sealer.

Manufacturer:

Flowcrete SA (Pty) Ltd, 176 Voortrekker Street, Jacobs 4052

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2. Composition/information on constituents

Chemical Name	EINECS No.	CAS No.	% by weight	Symbols and Risk Phrases
Ammonia	231-635-3	7664-41-7	<0.2	T;C;N;R10.R23.R34.R50

Contains a polyacrylate dispersion in water, neutralised with ammonia.

3. Hazards Identification

Repeated and/or prolonged contact with skin and eyes may cause some irritation.

4. First Aid measures

- Inhalation** : In case of any irritation of the respiratory tract, consult a doctor.
- Skin contact** : Remove contaminated clothing and wash with soap and plenty of water.
Seek medical attention if any symptoms persist.
- Eye Contact** : Hold eyelids apart and flush with plenty of water.
If irritation persists, seek medical advice.
- Ingestion** : Wash out mouth with water. Seek medical advice. Do not induce vomiting (unless under medical supervision).

5. Fire-fighting measures

This is a water based product so will not burn in the wet state. The dried polymer is combustible.

- Suitable extinguishing media** : Water in spray, foam, powder or carbon dioxide.
- Un-Suitable extinguishing media** : None.
- Special exposure hazards** : Toxic fumes emitted in a fire when the water driven off - carbon monoxide and dioxide (CO + CO₂) with a small amount of ammonia.
- Special protective equipment** : Self contained breathing apparatus.

6. Accidental release measures

- Personal precautions** : Use personal protective equipment as detailed in Section 8. Ensure adequate ventilation. Avoid repeated skin contact
- Environmental precautions** : Prevent the product from entering sewers and waterways.
- Methods for cleaning up** : Absorb on inert absorbent material (e.g. sand) and collect in suitable containers for disposal in accordance with Section 13.

7. Handling and storage

- Handling** : Ensure adequate ventilation. Use personal protective equipment as detailed in Section 8. Handle and open package with care. No eating or drinking in the workplace.
- Storage** : Store in a dry, cool, well-ventilated place away from direct sunlight. Store at a temperature of 5 - 40 °C. Protect from frost.

8. Exposure controls/personal protection

Workplace Exposure Limits (WEL):	8 Hour TWA (Time weighted average)	15 minute STEL (Short term exposure limit)
Ammonia	18mg/m ³ (25ppm)	25mg/m ³ (35ppm)
Engineering measures to reduce exposure	: Adequate ventilation.	
Personal protective equipment	:	
Respiratory protection	: Not required under normal conditions in a well ventilated workplace.	
Eye protection	: Safety glasses, goggles or face shield.	
Hand protection	: Fluorinated, butyl or nitrile rubber gloves.	
Skin and body protection	: Protective suit.	
Protective measures	: Use of the basic principles of Industrial Hygiene will enable this material to be used safely.	

9. Physical and chemical properties

Appearance	: Liquid	Relative Density	: ~1.05
Odour	: Weak	Water solubility	: Fully Soluble
Boiling Point	: ~100 °C		
Flashpoint	: Not applicable		
Explosion limits	: Not applicable		

10. Stability and reactivity

Material is stable under recommended storage conditions.

- Conditions to avoid** : Protect from frost.
- Materials to avoid** : None known to us.
- Hazardous decomposition products** : None known, except in a fire – see section 5. The ammonia neutralising agent is released during drying.

11. Toxicological information

Long-term experience of this product type indicates no danger to health when properly handled under industrial conditions.

Eye irritation	:	Eye contact may cause some redness and sting.
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Skin Irritation	:	Prolonged or repeated skin contact may be irritating to some individuals and may cause some dryness of the skin
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12. Ecological information

Do not allow to escape into waterways, waste water or soil.

The product is miscible with water, and as such could cover considerable distances if spilled into waterways.

13. Disposal considerations

Unused Product/waste from cleaning etc. : Dispose of in accordance with local and national regulations.
Do not empty into drains, sewers or water courses.
Dispose as non-hazardous waste, use EC Waste Catalogue (EWC) code: 08 01 20.

Contaminated packaging : Treat partially filled containers as for the unused product above.

Well drained containers shall be disposed of as non-hazardous packaging waste. Use (EWC) code: 15 01 02 for plastic.

14. Transport information

Not dangerous cargo. Has a slight odour. Avoid heat above + 40 °C. Avoid temperatures below + 5 °C. Keep away from foodstuffs, acids and alkalis.

15. Regulatory information

Classification according to EEC directive: None
Symbols: None

S-phrases

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

Special provisions statement : None.

Hazardous component(s) which must be listed on the label : None.

EC Directives: Dangerous Substances Directive, 67/548/EEC & adaptations
Dangerous Preparations Directive, 1999/45/EEC
Safety Data Sheets Directive, 91/155/EEC and adaptations.

Statutory Instruments: Chemicals (Hazard Information & Packaging for Supply) Regs 2002.
Control of Substances Hazardous to Health Regs 2002
Environmental Protection (Duty of Care) Regs. 1991.

Codes of Practice Waste Management. The Duty of Care.
Approved classification and labelling guide (Fifth edition). L131.
The compilation of safety data sheets (Third edition).

Guidance Notes Occupational Exposure Limits EH40
CHIP for Everyone HSG(108)

16. Other Information

This safety data sheet has been prepared in accordance with REACH. This is in addition to the Health and Safety at Work Act 1974. Users of our products should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH). This data sheet does not replace the obligation of the user to provide their own assessment of workplace risk as required by other Health & Safety legislation.

EC Directive relating to the classification, packaging and labelling of dangerous substances and preparations – Classification(s) and Risk (R) phrase(s) referred to in this document:

C	: Corrosive	N	: Dangerous for the environment
T	: Toxic		
R10	: Flammable		
R23	: Toxic to by inhalation		
R34	: Causes burns		
R50	: Toxic to aquatic organisms		

Training Advice

Applicators need to be trained in:-

The proper use of the application equipment in accordance with the technical data sheet and/or separate application instructions.

Handling and hygiene associated with use of industrial chemicals.

Correct cleaning and disposal methods.

Restrictions on Use

The product is intended for use by appropriately trained applicators.

Notes

This safety data sheet is based on our present knowledge and experience and is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.