



**FLOWFRESH BASE A
FLOWFRESH CM BASE A
MATERIAL SAFETY DATA SHEET
Revision 2 – Date Revised: 04/30/2012**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name Flowfresh Base A – Flowfresh CM Base A

Application Polyol based component of a 4 pack polyurethane resin floor system. Mixed product is applied using a trowel.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Polyalcohol emulsion in water.

3. HAZARDS IDENTIFICATION

Not classified as hazardous.

4. FIRST- AID MEASURES

Inhalation Remove from exposure – unlikely to occur because of the low volatility of the product. If someone is affected, seek medical advice.

Skin contact Wash with soap and plenty of water or a suitable skin cleanser as soon as possible. Remove any contaminated clothing and launder before re-use. Seek medical advice in cases of a skin reaction.

Eye Contact Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical advice.

Ingestion Wash out mouth with water. If any has been swallowed, seek medical advice.

5. FIRE-FIGHTING MEASURES

This is an aqueous emulsion and will not burn in the wet state. However in a fire the water could evaporate and the solids will burn.

Suitable extinguishing media Water spray, carbon dioxide (CO₂), foam, dry powder.
Un-Suitable extinguishing media High volume water jet.
Special exposure hazards Burning produces carbon oxides, oxides of nitrogen and a trace of hydrogen cyanide.
Special protective equipment Wear self-contained breathing apparatus and protective suit.
Additional information None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Be aware the product may cause a slip hazard. Use personal protective equipment as detailed in Section 8. Ensure adequate ventilation.

Environmental precautions Prevent entry into drains, sewers and water courses.

Methods for cleaning up Soak up with inert absorbent material or contain and remove by best available means. 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 container with care. Avoid skin and eye contact. Wash hands thoroughly after handling or contact.

Storage Store in a dry, cool, well-ventilated place. Maintain storage temperature at 60 – 80 °F. Protect from frost and avoid temperatures above 104 °F. Do not store close to acids.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

No components have an Occupational Exposure Standard.

Engineering measures to reduce exposure No specific ventilation requirement noted.

Personal protective equipment

Respiratory protection Not required under normal conditions in a well ventilated workplace.
If a respirator is required use a chemical cartridge respirator with face piece to protect against the organic vapor, NIOSH approved supplied air respirator with full face shield or self-contained breathing apparatus in pressure demand mode.

Eye protection Goggles or face shield.

Hand protection Impervious gloves e.g. nitrile rubber.
Check regularly for degradation and replace as necessary.

Skin and body protection Protective suit and heavy duty work shoes.

Protective measures Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White liquid	pH	9.4
Odor	Light terpene	Relative Density	~1.0
Boiling Point	~100 °C/212 °F	Water solubility	emulsifiable
Flashpoint	Not applicable	Viscosity	850 mPas at 80 °F
Explosion limits	Not applicable		

10. STABILITY AND REACTIVITY

Material is stable if stored as indicated in section 7.

Conditions to avoid Excessive heat or frost.

Materials to avoid Acids.

Hazardous decomposition products None known. Carbon oxides in a fire.

11. TOXICOLOGICAL INFORMATION

There are no toxic effects known. A skin rash has been observed in some individuals.

12. ECOLOGICAL INFORMATION

Avoid subsoil penetration.
Prevent product from entering drains, do not contaminate surface water.

13. DISPOSAL CONSIDERATIONS

Unused Product/waste from cleaning etc. Must be disposed of in compliance with local and national regulations.
EC Waste Catalogue (EWC) code: 08 01 20
Waste products from the Manufacture, Formulation, Supply and Use (MFSU) of paint and varnish. (Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19.)

Contaminated packaging Partially filled containers shall be treated as for the product above.
Well drained containers shall be disposed of as non-hazardous packaging waste.
Use EWC code 150102 for plastic, 150104 for metal.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

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

US EPA TSCA Status All chemical ingredients are listed on the TSCA inventory.

Canada Domestic	All chemical ingredients are listed on the DSL
Substance List Status	
EC Directives	Dangerous Substances Directive, 67/548/EEC & adaptations Dangerous Preparations Directive, 1999/45/EC Safety Data Sheets Directive, 91/155/EEC
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 labeling 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 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.

HMIS Ratings

Health	1
Flammability	1
Reactivity	0

Training Advice

Applicators need to be trained in:-
Handling and hygiene associated with use of industrial chemicals.
Correct mixing and application of the product.
Correct cleaning and disposal methods.

Restrictions on Use

The product is intended for use by appropriately trained applicators in industrial situations. It is not suitable for use in home DIY applications, especially because of its hazardous nature and the protective measures required.

Notes

Do not use organic solvents for skin cleansing, it will lead to defatting of the skin, skin irritation and/or dermatitis.
Some solvents can be absorbed through the skin.
Beware of cross contamination where different products are in use in the same location.
Take into account the Manual Handling regulations when dealing with the mixed product.

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.