

Version 2      Date Issued: January 2014      conforms to Regulation (EC) no 1907/2006

### 1. Identification of the substance/preparation and company

**Product Name:** Flowfresh Pigment Paste

**Application:** Water base pigment pastes, used as intermediates by Flowcrete and their appointed licensees.

**Manufacturer:**

Flowcrete SA (Pty) Ltd, 176 Voortrekker Street, Jacobs, Durban 4

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### 2. Hazards Identification

Not classified as a hazardous product as per Council Directive 2006/121/EC or 1999/45/EC.

### 3. Composition/information on constituents

Chemical Name	EINECS No.	CAS No.	% by weight	Symbols and Risk Phrases
Water	-	7732-18-5	19	-
Pigment	-	13463-67-7/ 20344-49-4/ 147-14-8/ 133-86-4	73	-

Contains powder pigments, mostly iron oxides, titanium dioxide and/or chrome III oxide

Also contains non-classified pigments, water base surfactants and additives.

See section 16 Additional information, for full text regarding symbols and Risk phrases.

### 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.

**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

**Suitable extinguishing media** : Carbon dioxide (CO<sub>2</sub>), foam, dry powder.

**Un-Suitable extinguishing media** : High volume water jet

**Special exposure hazards** : Burning produces irritating and toxic fumes

**Special protective equipment** : Wear impervious clothing rubber boots, gloves and self –contained breathing apparatus

**Additional information** : None.

## 6. Accidental release measures

- Personal precautions** : 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.
- Storage** : Store in a dry, cool, well-ventilated place at 5 – 30°C. Keep container tightly closed.

## 8. Exposure controls/personal protection

There are no components with occupational exposure limits.

**Engineering measures to reduce exposure** : No specific ventilation requirement noted. Local exhaust recommended

**Personal protective equipment** :

- Respiratory protection** : Wear suitable respiratory equipment
- Eye protection** : Wear eye/face protection.
- Hand protection** : Impervious gloves, nitrile rubber probably gives the best resistance to the chemicals.
- Skin and body protection** : Overalls.
- 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 solution, colour on label.	Ignition temperature	: No Data
Odour	: Slight odour	Relative Density	: Variable by colour, 1.95-2.15
Boiling Point	: Not Determined	Water solubility	: Soluble.
Flashpoint	: Not Applicable (Aqueous System)	Water miscibility	: Miscible

## 10. Stability and reactivity

- Conditions to avoid** : None known.
- Materials to avoid** : None known.
- Hazardous decomposition products** : Not Known

## 11. Toxicological information

There is no data available on the preparation itself

## 12. Ecological information

<b>Ecotoxicity</b>	: Not Determined
<b>Mobility</b>	: Soluble in water.
<b>Persistence and degradability</b>	: This property is substance specific and cannot be given for the preparation
<b>Bio accumulative potential</b>	: Not expected to be bioaccumulative.
<b>Additional ecological information</b>	: Do not allow to escape into waterways, waste water or soil.

## 13. Disposal considerations

<b>Unused Product/waste from cleaning etc.</b>	: Dispose of in accordance with local and national regulations. Do not empty into drains, sewers or water courses. Use EC Waste Catalogue (EWC) code: 080112 (not a hazardous waste).
<b>Contaminated packaging</b>	: Partially filled containers shall be disposed of as for the product above.  Well drained containers shall be disposed of as non-hazardous packaging waste. Remove/invalidate the warning label. Use EWC Code 150102 for plastic, 150104 for metal.

## 14. Transport information

**Not classified as hazardous for transport.**

## 15. Regulatory information

**Classification according to EEC directive:** Not classified as hazardous.

**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/EC.  
Safety Data Sheets Directive, 91/155/EEC and adaptations.

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

**UK 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).

**UK Guidance Notes** Occupational Exposure Limits EH40

## 16. Other Information

The text has changed in sections 1, 2, 3, 9, 11, 12, 15 and 16.  
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.

### **Training Advice**

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

### **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.

### **Restrictions on Use**

This material is intended for use by Flowcrete staff and their appointed licensees.

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.