

DATED: 10 July 2003

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

Product Name: 'the Paint'

Description: A fully formulated pigmented cement/acrylic resin bound coating material **supplied as a powder**. 'the Paint' powder is intended to be mixed thoroughly into a *specified*, relatively low proportion of drinkable water on site to make the liquid coating material immediately prior to its application.

UN No None **Hazchem:** None

CAS Number:

Portland Cement:	65997/15/1	Poisons Schedule: None
Flyash:	68131/74/8	
Silica Fume:	7631/86/9	
'e-SPHERES':	68131-74-8 (strong, hollow ceramic microspheres of fused aluminosilicate)	

Dangerous Goods/and Subsidiary Risk: Non Applicable

Use: Cementitious (cement-based) 'the Paint' is used as a long-life insulative, stipple textured coating. It is typically applied with tools/equipment used for normal painting such as brushes, brooms, rollers as well as with suitable spray application equipment.

PRECAUTIONS FOR USE

Personal Protection: Wear suitable protective clothing, gloves (AS 2161), and eye protection (AS/NZS 1337). When exposed to dust, also wear a suitable respirator (AS/NZS 1715 and 1716).
Wash skin thoroughly after handling.
Wash work clothes regularly and separately from other clothes.

Threshold Limit Value (TLV): 2 mg/m³ for inspirable dust.
'the Paint', particularly in liquid slurry (unhardened) form, can dry the skin and cause alkali burns. Continued exposure to individuals who are allergic to chromium, may cause allergic dermatitis or eczema of the skin.

PRECAUTIONS FOR USE (Continued):

Ventilation:	Where practical, suitable means of dust collection/suppression should be applied as necessary to maintain acceptable air borne dust levels. Persons with a history or respiratory illness or reduced pulmonary function should avoid work places with high dust levels.
Flammability:	The product is non-combustible. Do not use the product in confined areas with limited air space. Avoid the possibility of fire caused by fine dust near naked flames, static electricity, electrical sparks or in an explosive atmosphere – especially where gas may be leaking.

SAFE HANDLING INFORMATION

Handling and Storage:	‘the Paint’ should be stored in containers that prevent ingress of moisture as this will cause it to set and harden in storage. The container in which it is supplied is the best form of storage otherwise store in a suitable size containers so that each is full with no air space and that have tight fitting lids.
Spills and Disposals:	Spills may be cleaned up carefully without producing dust by any dry method with personal protection equipment being used by clean-up personnel. Collect in containers for disposal as trade waste in accordance with your local authority laws and guidelines.

PHYSICAL DESCRIPTION

Appearance:	‘the Paint’ is a fine powder. It is manufactured and supplied in virtually any colour on firm advance order from Ability.
Boiling/Melting Point (°C):	Some components begin to melt at high temperatures (> 180°C).
Vapour Pressure:	Not applicable.
Specific Gravity:	1.6 - 1.7
Flash point:	Not applicable.
Flammability Limits:	Not applicable.
Other Properties:	Not explosive. Virtually no odour. Faint sweet smell. Sets and hardens on mixing with water. Partially soluble in water.

HEALTH HAZARD INFORMATION

Health Effects:

- Swallowed:** Mild corrosive (caustic) action.
- Eye:** Short-term exposure, irritating. Long-term exposure, irritating may cause inflammation of the cornea.
- Skin:** Short-term exposure: irritating. Long-term exposure: 'the Paint' powder and when this is mixed into water to produce the liquid coating material is slightly caustic and can dry the skin. There are also trace amounts of water-soluble hexavalent chromium present in the cement (0-20 ppm) component and in some individuals may cause allergic dermatitis.
- Inhaled:** Irritating. Long-term exposure may cause inflammation of lining of the respiratory system.

First Aid:

- Swallowed:** Wash mouth and lips with clean water. Do not induce vomiting, give water containing sugar or milk to drink. Seek medical attention.
- Skin:** Wash with tepid soapy water. A shower may be required.
- Eyes:** Irrigate with copious clean tap water for at least fifteen (15) minutes. Seek medical attention.
- Inhaled:** Move to fresh air, wash with water and seek medical attention if effects persist.
- Exposure Limits:** 'the Paint' powder is classified as a nuisance dust.
- Advice to Physician:** Contact a poisons information centre and treat as for Portland cement used for making concrete.

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THIS ENDS THE MSDS