

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

Product Name:	X55 HI-SEAL Paint		
Description:	Cement/Acrylic resin bound paint coating material supplied in any colour as a white or coloured powder to be thoroughly mixed with a specified relatively low amount of drinkable water on the project site immediately prior to application as a liquid paint.		
UN No	None	Hazchem:	None
CAS Number:		Poisons Schedule:	None
Cement:	65997/15/1		
Flyash:	68131/74/8		
Amorphous Silica:	7631/86/9		
Acrylic Resin Polymers:	Trade secret		
Dangerous Goods/and Subsidiary Risk:	Non Applicable		
Use:	Polymer modified, inorganic X55 HI-SEAL paint is used as a long-life, medium build interior/exterior protective and decorative surface coating. It is typically applied with tools/equipment used for normal painting work such as brushes, brooms, rollers as well as with suitable spray application equipment.		

PRECAUTIONS FOR USE

Personal Protections: Wear suitable protective clothing, such as full overalls, gloves (AS 2161), and eye protection (AS/NZS 1337). When exposed to dust, the user should also wear a suitable respirator (AS/NZS 1715 and 1716). Wash hands thoroughly after handling. Wash work clothes regularly and separately from other clothes.

TLV (Threshold Limit Value): 2 mg/m³ for inspirable dust.

X55 HI-SEAL, particularly in prepared (unhardened) liquid condition can dry the skin and cause alkali burns. Continued exposure of individuals who are allergic to chromium and to this alkaline material may give cause to allergic dermatitis.

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PRECAUTIONS FOR USE (Continued):

Ventilation: Avoid the creation of dust. Where practical, suitable means of dust collection/suppression should be adopted as necessary to maintain acceptable air borne dust levels. Persons with a history or respiratory illness or reduced pulmonary function should avoid work places and materials with high dust levels.

Flammability: The product is non-combustible.

SAFE HANDLING INFORMATION

Handling and Storage: X55 HI-SEAL paint powder 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 suitable size containers so that each is full with no air space and have tight fitting lids.

Spills and Disposals: Spills may be cleaned up by any suitable dry method to minimise the creation of dust with personal protection equipment being used by clean-up personnel. Collect in containers for disposal as trade waste in accordance with the particular applicable local authority's laws and guidelines.

PHYSICAL DESCRIPTION

Appearance: X55 HI-SEAL is a fine white or coloured powder. It is manufactured and supplied in airtight containers and is made available in virtually any colour on firm advance order from Ability.

Boiling/Melting Point (°C): Some components of the material begin to melt at high temperatures (> 300°C).

Vapour Pressure: Not applicable.

Specific Gravity: 1.6 - 1.7 approximately.

Flash point: Not applicable.

Flammability Limits: Not applicable.

Other Properties: It is not explosive. It has no chemical solvents, virtually no VOC's (Volatile Organic Compounds) and has virtually no odour except for a faint sweet smell. X55 HI-SEAL powder is partially soluble in water and as it is hydraulic, it sets and hardens after mixing it with water.

HEALTH HAZARD INFORMATION

Health Effects:

- Swallowed:** Mild corrosive action.
- Eye:** Short-term exposure: irritating. Long-term exposure: irritating may cause inflammation of the cornea.
- Skin:** Short-term exposure: irritating. Long-term exposure: X55 HI-SEAL paint powder 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 for 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 water. Do not induce vomiting, give water containing sugar or milk to drink. Seek medical attention.
- Skin:** Wash with tepid soapy water. The taking of a bath or shower may be required.
- Eyes:** Irrigate with copious clean tap water for at least 15 minutes. Seek medical attention.
- Inhaled:** Move to fresh air, wash with water and if effects persist seek medical attention.
- Exposure Limits:** X55 HI-SEAL 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.

CONTACT:

PETER GRAY - Manager

WAREHOUSE AND OFFICE:

(PO BOX 391)
133-135 NORTHERN ROAD
WEST HEIDELBERG
VICTORIA, 3081, AUSTRALIA.

TEL: (03) 9457 6488
INTERNATIONAL TEL: +61 3 9457 6488
FAX: (03) 9458 4683
INTERNATIONAL FAX: +61 3 9457 4683

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