



Mark 2

MATERIAL SAFETY DATA SHEET

EFFLOREIN® POWDER MARK 2

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name : Efflorein Powder Mark 2
Recommended Use : Waterproofer, lowers water permeability, strength increasing dispersant, rheology modifier(improves workability), reduces/inhibits efflorescent white salts in Portland cement concrete, mortar and grout products.
Supplier : Ability Building Chemicals Company
ACN : 007 247 289
Address : 133-135 Northern Rd, West Heidelberg, Victoria 3081.
Telephone : 61 3 9457 6488
Facsimile : 61 3 9458 4683
Emergency Contact : 61 3 9457 6488

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE; NON-DANGEROUS GOOD

Hazard Category : Not applicable
Risk Phrases : Not applicable
Safety Phrases : No applicable
Class : Not applicable
Subsidiary Risk : Not applicable
Packing Group : Not applicable
Poison Schedule : Not scheduled

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Identity</u>	<u>CAS No</u>	<u>Proportion</u>	<u>Hazard</u>
--------------------------	---------------	-------------------	---------------

All components are non-hazardous at levels formulated.

MATERIAL SAFETY DATA SHEET

EFFLOREIN® POWDER MARK 2

4. FIRST AID

- Ingestion** : If swallowed and patient is conscious, wash out mouth with water and drink several glasses of water.
DO NOT give anything by mouth to unconscious patient.
Seek medical attention if irritation or discomfort occurs.
- Eye** : Immediately flush with fresh water for at least 15 minutes.
Ensure adequate flushing by separating eyelids with fingers.
Seek immediate medical attention.
- Skin** : Wash thoroughly with soapy water. Remove contaminated clothing and footwear and wash before reuse or storage.
Seek medical attention if irritation or discomfort occurs.
- Inhalation** : Move immediately to fresh air and if necessary apply artificial respiration. If breathing difficulty give oxygen.
Seek medical attention if irritation or discomfort occurs.
- First Aid Facilities** : Eyewash should be available in workplace.
- Advice to Doctor** : Treat symptomatically.

Poison Information centers in each State capital city can provide additional assistance for scheduled poisons. (Phone Australia 131 126)

5. FIRE FIGHTING MEASURES

- Fire/explosion hazard:** Product is not flammable.
- Fire Fighting advice** : Ensure use of SCBA units and full protective equipment to avoid contact with potential of dust or fumes.
- Extinguishing Media:** Water spray, dry chemical, carbon dioxide or appropriate foam according to surrounding fire.
- Decomposition Products:** May include carbon monoxide and dioxide in the smoke (from small component organic compounds).

6. ACCIDENTAL RELEASE MEASURES

- Spills and disposal** : Ensure protective overalls, gloves and safety goggles are worn by cleanup personnel. Approved dust mask or respirator if needed.
Carefully vacuum or sweep spillage together to allow collection.
Avoid raising dust (may wet or add dust binding agent)
Collect spillage into appropriately labeled containers for storage awaiting reuse or disposal via the local waste facility as per required legislation.
Thoroughly wash the area with water to complete.

MATERIAL SAFETY DATA SHEET

EFFLOREIN[®] POWDER MARK 2

7. HANDLING AND TRANSPORT

Safe Handling Information : Store product in a dry area , protect from moisture and ensure all containers are sealed when not in use.
Refer to product label.

Precautions for Use : Only to be used as per recommended use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards : No specific TLV assigned this product but we do recommend the following for nuisance dusts:
TLV (particulates not otherwise classified) = 10 mg/m³

Engineering Controls: Ensure effective ventilation (exhaust and/or natural) at the workplace is adequate to avoid dust in the immediate vicinity.

Personal Protection : Wear full overalls, gloves and safety goggles when handling the product. Avoid skin and eye contact as well as inhalation.
Use dust mask or NIOSH approved respirator if dust potential.
Always wash hands before eating, drinking, smoking or using the toilet.
Wash any contaminated clothing or protective equipment before reuse or storage.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Off-white powder. Faint odour.

Bulk Density : Approx. 600 kg/m³

Vapour Pressure : Not applicable

pH, @ 100 g/l water : 7.5-8.5

Decomposition Temp: >260°C

Auto-ignition Temp. : >260°C

Solubility in water : Slightly; Some components only.

Flash Point : >100°C (Open Cup)

Flammability Limits : Not flammable

10. STABILITY

Stability / Polymerisation: Stable

Incompatible materials and conditions : Strong oxidants.

MATERIAL SAFETY DATA SHEET

EFFLOREIN[®] POWDER MARK 2

11. Toxicological Information

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Symptoms that may arise if the product is mishandled are –

Acute Effects:

Ingestion : May cause irritation to the gastro-intestinal tract and nausea.

Eye : May cause irritation to the cornea with resulting redness and pain to the eye. Physical damage may also occur due to particulate matter.

Skin : May cause mild irritation to the skin with prolonged contact.

Inhalation : If dust inhaled, may cause irritation to the throat and respiratory tract resulting in coughing and shortness of breath.

May aggravate existing pulmonary conditions if high dust levels.

Chronic Effects Repeated, prolonged inhalation may cause pulmonary fibrosis.

Toxicology:

Respirable crystalline silica is listed as a Category 1 carcinogen but presence of crystalline silica in the respirable dust of this product has not been established.

No specific Oral or Dermal Toxicity data known for this product.

12. ECOLOGICAL INFORMATION

Environmental Fate : Avoid contaminating waterways.

Aquatic Toxicity : No data available.

Terrestrial Toxicity : No data available.

MATERIAL SAFETY DATA SHEET

EFFLOREIN[®] POWDER MARK 2

13. DISPOSAL CONSIDERATIONS

Dispose of the product as per local regulations.
Ensure containers are effectively cleared of product and disposed of according to local authority requirements.

14. TRANSPORT INFORMATION

Is not classified as a Dangerous Good by the Criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

UN Number : Not applicable
Proper Shipping Name : Not applicable
Class : Not applicable
Subsidiary Risk : Not applicable
Packing Group : Not applicable
Hazchem Code : Not applicable
Segregation Dangerous Goods: Not applicable

15. REGULATORY INFORMATION

Poison Schedule : Not scheduled.

MATERIAL SAFETY DATA SHEET

EFFLOREIN[®] POWDER MARK 2

16. OTHER INFORMATION

Date of Preparation : 11 August 2004
Date of Revision (No) : 4 June 2009
Reason for Issue : New MSDS

This data sheet and health, safety and environmental information it contains has been prepared according to current regulatory requirements as at date of issue. The precautions and advice provided may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and comply with all applicable legislation. No statement made in this data sheet shall be construed as permission, a recommendation or authorisation given or implied to practice any patented invention without a valid licence. No company named in this document shall be responsible for any damage or injury resulting from abnormal use of the material from any failure to adhere to recommendations, or from hazards inherent in the nature of the material.

Contact : Ability Building Chemicals Co
133-135 Northern Road
WEST HEIDELBERG VIC 3081
PH: 03 9457 6488
FAX: 03 9458 4683

End of MSDS