



TECHNICAL DATA SHEETS

EFFLORESCENCE REMOVER

Permashield Efflorescence Remover is formulated to remove white encrustation or efflorescence, which appear on masonry surfaces especially sandstone, brick and concrete structures. It is also effective for the removal of cement and mortar marks on terracotta and brickwork, where they are particularly heavy.

Product description

A milky, viscous, aqueous fluid. It contains hydrochloric acid. When adequately diluted the organic components are all biodegradable.

Materials to be avoided

Aluminium, zinc, limestone, Portland stone, marble, calcited stone and slate. Materials to be avoided

Ecology

Permashield Efflorescence Remover contains a biodegradable gel material and detergents. When washed down, diluted levels of material are non-toxic. Plants and any vegetation should be protected from the full strength of the product.

Coverage

Approximately 3-4 sq m/lt

How to use the product

Establish method and contact time with a test patch. The area around and on the efflorescence should be washed down with hot water at 80°C (or hotter) as this speeds up the action of the chemical.

Apply a thick coat of the product by bristle brush; leave it on for 30-45 minutes. Pressure jet the area well with hot water at 80°C. Sometimes it may be necessary to repeat the process.

Protection of Operative

Chemical protective suits are needed along with PVC gauntlet gloves, face shield, head covering and suitable footwear. Nobody must be allowed to pass under or work under cleaning areas.

Spillages must be washed down immediately. At the end of the work period wash equipment, scaffolding, boards etc. All persons should be familiar with the required safety precautions and correct handling of the product.

Pre-Cleaning Recommendations

Remove any loose material before pre-wetting.

Safe Handling

Containers should be stored in a safe place, caps secured and a trained, responsible person detailed for security in depots, in transit and on sites. Spillages must be dealt with immediately. Only competent persons should handle the product.

EFFLORESCENCE REMOVER

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First aid advice

Acid splashes on skin or clothing must be washed off immediately with fresh, clean water. Contaminated clothing should be removed. After initial rinse, a dilute solution of Sodium Bicarbonate can be used to neutralise the acid.

Health & Safety information

When empty, containers should be filled with water and then emptied in an approved manner and then disposed of.

COSHH DATA: Permashield Efflorescence Remover

Hazardous ingredients: Contains Hydrochloric Acid (UN1789) less than 15%

Solubility: Totally miscible with water

S.G at 20°C: 1.0504 to 1.1149

pH: Less than 1

Flammability: Non flammable

Fume hazards: None

Handling precautions: Wear chemical resistant suits, gloves and full face protection

First Aid

- Skin: Wash thoroughly with clean, soapy water
- Eyes: Wash thoroughly with clean water. If irritation persists seek medical help
- Ingestion: Give plenty of milk to drink

Spillages: Dilute into plenty of water or cover with soil/sand and dispose of the debris in an approved place

Disposal: Ensure adequate dilution before discharge to drains

Disclaimer: The information given in this Data Sheet is for guidance only and is correct to the best of our knowledge. Any person using these products does so at their own risk and we cannot accept liability for the performance of the product, nor for any loss or damage. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification.