



TECHNICAL DATA SHEETS

FAST ACTING PAINT STRIPPER

The organic solvents in this formulation attack nearly all paint resins, plastics, and varnishes, rapidly to soften the paint films so that the debris can be removed by scraper or by power water jetting. By following the recommended technique, several layers of paint can be rapidly removed in one treatment. Graffiti removal can also normally be achieved using Permashield Fast Acting Paint Stripper.

Product description

It is a non flammable, non caustic, viscous fluid designed for economical paint removal from exterior brick, stone, ceramic, wood and metal work. It contains Methylene Di-Chloride and organic solvents. Care is needed to ensure adequate ventilation as the fumes from this product can be dangerous. Permashield Fast Acting Paint Stripper is acid free and can be used safely on limestone, Portland and calcited stones.

Materials to be avoided

Any plastic surfaces such as PVCu, polycarbonate windows or plastic coated steel sheeting.

Ecology

Using hot water jetting vaporises the Methylene Di-chloride. Splashes of the product on vegetation are not corrosive but should be avoided by protecting plants with plastic sheeting. Problems may arise from the nature of the paint debris which may contain lead and heavy metals which are not acceptable in waste water drains. Total containment of the paint debris by using a one inch layer of sand or grit under the area where jetting, or a large plastic sheet, can often contain the paint flakes if spread over a suitable area. After processing, sand/ gravel or rolled up plastic will have to be disposed of in an approved manner.

Coverage

Approximately 2-3 sq m/ltr.

How to use this product

Apply the product by use of a stiff brush to work over the dry painted surface and leave behind a thick coating of the product. Do not cover too large an area or the surface debris will dry back hard again. Within minutes the surface begins to soften, swell and blister.

Leave the surface undisturbed for 10-15minutes then re work over it again with the stiff brush and more Permashield FA Paint Stripper to disturb the already softened film, and recoat the underlying paint with more of the paint stripper. Leave undisturbed for a further 15 minutes. The surface should then be hot water pressure jetted off. Hot water at 80°C pump temperature is necessary to help soften and remove the paint debris but also to vaporise the Methylene Di-chloride (boiling point 40°C) and so remove it from contaminating the waste water. It is necessary to start jetting slowly upwards in order to prevent hot run down water causing drying out of lower sections before they can be jetted off.

Should further extensive processing be necessary, the surface is best left to re dry before applying a second coat of Permashield FA Paint Stripper. Alternatively for moderate residues of paint debris and to remove the oily contamination often left on masonry after painting, a coat of Permashield Heavy Duty Masonry Degreasant can be applied on the drained down surface. Leave for up to 3 hours and hot water jet off - this treatment often removes any residual paint debris, without having to wait for drying out. It is essential to remove all old paint, also to degrease before using acid cleaners on masonry.

Protection of operative

Chemical protection is needed for the hands, body, face and feet. Also good ventilation is essential. Tests carried out behind closed, sheeted scaffolding with wall surfaces coated with Permashield FA Paint Stripper have not detected unacceptable fume levels, but operatives should be aware of the dangers if used in underpasses or building interiors. Hot surfaces and smoking can create dangerous poisonous fumes.

FAST ACTING PAINT STRIPPER

PHONE (UK): 0844 669 8339 | PHONE (INTERNATIONAL): +44 844 669 8339
PO BOX 272 LEEDS, WEST YORKSHIRE LS16 0DP | WWW.PERMASHIELD.CO.UK

Pre cleaning recommendations

Do not use on wet or damp areas. Permashield Fast Acting Paint Stripper does not work on wet or damp paint or masonry surfaces.

Safe handling

Containers must be stored in a safe, cool place out of direct sunlight. Only trained responsible persons should handle or use this product. A trained person should be nominated to ensure security in depots, in transit and on sites. Open slowly, with care as pressure can build up if not kept cool.

Open only in well ventilated places and avoid breathing the fumes. The product should not be opened or used whilst smoking or near flames or hot surfaces.

First aid advice

Accidental splashes on the skin and clothing must be washed off immediately with warm clean soapy water.

Splashes to eyes: Irrigate immediately with clean water and seek medical advice.

Fume poisoning: Remove from area of the fumes. Observe the patient closely for breathing and possible heart failure until recovered.

Ingestion: Do not induce vomiting. Drink plenty of water and seek medical advice.

Health & Safety information

When empty the containers should be filled with water and then emptied in an approved place before disposing of them.

COSHH DATA

Hazardous ingredients: Contains Methylene Di-chloride (UN 1593) and Methanol (UN 1230)

Physical data: A viscous, milky, non-aqueous formulation.

Solubility: Miscible with water – using hot water Methylene Di-chloride is vaporised.

S.G: 1.15 approximately

Flammability: Non flammable

Hazard Classification: Dangerous substance. Harmful on contact with skin.

Fume hazards: Methylene Di-chloride (vapour threshold TWA 100 ppm). Methanol (vapour threshold TWA 100 ppm 8 hour).

Additional Hazards: Fumes form a dangerous gas on contact with flames or hot surfaces – Anaesthetic vapours; degrades the skin. Systematic absorption can lead to liver damage.

Handling precautions: Only experienced trained persons should use this product. Wear full hand, face, foot and body protective clothing. Have clean water to hand for emergency use. Store containers in a cool, safe place and open slowly. Keep cap closed when not in use.

First Aid

– Skin: Wash off thoroughly with clean warm water.

– Eyes: Irrigate thoroughly with clean water. Seek medical help if irritation persists. Do not induce vomiting drink plenty of water and seek medical advice.

Spillages: Cover with soil or sand and leave in a safe place for solvents to evaporate until no smells are detectable.

Disposal: After evaporation of solvents the soil/ sand is not hazardous.

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.