

INFORMATION / APPLICATION DATA SHEET

SILICONE WATER REPELLENT

JC017

This product must be used by competent stone cleaning contractors, experienced in the use of Hydrocarbon Solvents.

DATA SHEET

PRODUCT DESCRIPTION

JC017 is a clear solution of silicone in a hydrocarbon distillate, ensures good penetration into the fine pores and meets with requirements of BS6477 1,2,4. When applied to sandstone, brick, terra-cotta, concrete, granite and stucco, prevents rain penetration without affecting the breathing porosity, gives protection against algae soiling and reduces heat losses.

PRE-CLEANING

The masonry should be clean, free from algae and grime, the surface must be dry before application of the product, if the joints are to be pointed this should be carried out at least one month prior to application of the silicone treatment.

PROTECTION PRIOR TO CLEANING

All glass or plastic surfaces, limestone's and painted surfaces must be protected accordingly. Splashes on glass, plastic, limestone and painted surfaces should be washed off immediately using white spirit.

MASKING MATERIALS

Waterproof masking tape and polythene sheeting (500 gauge).

PUBLIC AND THIRD PARTY PROTECTION

A tightly screened scaffolding must be erected around the area to be treated, warning signs indicating "Cleaning and Waterproofing Treatment in Progress" must be placed in view of public.

APPLICATION

Starting at the top of the building apply the product by brush or all plastic low pressure spray, saturate the surface until the surplus silicone runs down approximately 150mm and repeat this procedure until all the area is treated. Adequate ventilation is important for quick drying and to reduce the inhalation of the white spirit vapours.

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On completion of the treatment wash out the spray and brushes with white spirit.

COVERAGE - Approximately 3m²/Litre

SAFETY PRECAUTIONS

JC017 is an industrial strength waterproofing material containing Hydrocarbon solvents, which are flammable, use only in well ventilated areas or fume hazards can arise.

PROTECTIVE CLOTHING

Full-face visor, rubber or P.V.C. gauntlets, rubber boots and chemical protective wet suit with hood must be worn, all protective clothing should be thoroughly cleaned on completion and safely stored under suitable conditions.

FIRST AID

Splashes on the skin should be washed off for at least 5 to 15 minutes with clean soapy water (preferably hot water), splashes to the eyes should be washed off with clean warm water for at least 5 to 15 minutes. If irritation of eyes or skin persists seek medical attention. TOXIC if swallowed.

COMPLETION OF SILICONE TREATMENT ADDITIONAL PRECAUTIONS

The quantity of fumes in the air should not be greater than 200 PPM. Operators must not smoke during application of the product. Naked flames or hot surfaces should be avoided.

Scaffold and boards should be rinsed thoroughly on completion also rinse off all residues from ledges and pavement and leave site in a clean condition, remove all masking materials. Empty chemical containers must be filled with water and the cap replaced securely before safe disposal.

ECOLOGY

White spirit is completely volatile and will dry off into the air, spillage's should be prevented from entry into surface drains by absorption into soil or sand. Plants and shrubs should be protected by covering with a plastic sheet. After the solvent has dried off no chemicals will remain which are water soluble or harmful in the rinsing water, but contractors are to advise the appropriate authorities before disposal of the water waste debris.

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DISPOSAL OF CONTAINERS

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

SPILLAGE

Cover with sand or soil until vapour has dispersed and dispose of in an approved manner.

SPECIAL FEATURES

Have 25 Litres of clean water available in case of emergencies.

Regulatory Information

Consult the Material Safety Data Sheet covering this product for the chemical composition and information on ingredients.

The information provided here does not constitute the users own assessment of workplace risks as required by the Health & Safety legislation.

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