BLUE & THICK FILLER Data Sheet

Water Soluble Screen Fillers

PRODUCT DESCRIPTION

These products are a viscous solution of pigmented polymer in water. The components are all considered non-hazardous when used according to the instructions for the stated application.

APPLICATIONS

These products are sold strictly for use in the screen printing industry as water soluble block out fillers. Ideal for use with all ink types except water based systems.

Blue Filler is ideal for all mesh counts from 70 threads per centimetre upwards; for coarser meshes use Thick Filler.

Blue Filler is especially recommended for spotting out pinholes on all types of stencils, and can be thinned with water to ease application in areas where small deposits are required.

WORKING INSTRUCTIONS & SAFE HANDLING

There are no hazards associated with the normal use of this product. However, the product contains 1,2-Benzisothiazolin-3-one (a biocide), which may produce an allergic reaction in some individuals. Splashes in the eyes may be irritating and very sensitive skin may need to be protected. Wear gloves and goggles as appropriate.

Apply the filler to the mesh and spread over the unwanted open areas with a straight edged piece of card or plastic. When used with indirect stencil systems, it is advisable to apply the filler before the backing sheet is removed, to allow rapid and accurate filling.

HAZARDS

None applicable.

WARNINGS

None applicable.

FIRE PRECAUTIONS

Non flammable.

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SPILLAGE

Flush with water.

FIRST AID

Eyes:	Irrigate with water for 10 minutes.
Skin:	Wash thoroughly.
Ingestion:	Dilute with water and get medical advice.

SHELF LIFE & STORAGE

The products should be stored between 20-25ºC, do not freeze.

Shelf life is two years.

ENVIRONMENTAL

This product is a mixture of water dispersible pigmented polymers. The polymers are polyvinylalcohols and/or plasticised polyvinylacetate with an insoluble pigment and surfactants. This product does not contain any materials regarded as ecotoxic or contained on the EC Black/Grey lists. Tests have shown no inhibition of activated sludge at typical effluent concentrations and the product may be regarded as drain safe and biodegradable. Blue Filler has a COD value of approximately 440,000 mg/kg and a BOD value (expressed as O in $mg.l^{-1}$) of approximately 10,000. Thick Filler has a COD value of approximately 405,000 mg/kg and a BOD value (expressed as O in $mg.l^{-1}$) of approximately 3,800.

DISPOSAL

Small quantities can be washed to foul waste. Larger quantities should be disposed of by an authorised industrial waste chemical contractor.

PACKAGING

1, 5 & 200 litre containers.
Trade packs of 12 x 1 litre, 4 x 5 litres, 1 x 200 litres.

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Note – All data contained herein is based upon limited testing of pre-production material and should not be taken as representative of the eventual mass produced product.

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