

UNIVERSAL MESH PREP Data Sheet

Mesh Degreasing and Wetting Fluid

PRODUCT DESCRIPTION

Universal Mesh Prep is a mildly acidic light brown thickened liquid. All the components are considered to be non-hazardous when used according to the instruction for the stated applications.

APPLICATIONS

The product is sold strictly for use in the screen printing industry, as a thickened liquid for degreasing and improving the wetting characteristics of all meshes. It is especially recommended for use with all capillary stencil systems, in order to hold an even film of water on the mesh for easy film application.

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.

- a) Rinse screen thoroughly with water.
- b) Apply Universal Mesh Prep to both sides of the mesh and rub in with a brush.
- c) Leave to stand for 1 minute.
- d) Wash off with a strong water spray.

For unused synthetic meshes use Autoprep Gel to first abrade the mesh.

NB. Do not allow Universal Mesh Prep to dry on the mesh.

HAZARDS

None applicable.

FIRE PRECAUTIONS

The product is non-flammable.

SPILLAGE

Flush to waste with water.

FIRST AID

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

SHELF LIFE & STORAGE

The material should be stored away from heat, light and organic matters (foodstuffs).

Shelf life is 2 years.

ENVIRONMENTAL

This product is a dilute mixture of surfactants and weak organic acids. In normal use typical effluent concentrations should not inhibit activated sludge and the product may be considered drain safe and biodegradable. The product has a COD value of approximately 27,000 mg/l and a BOD value (expressed as O in mg.l⁻¹) of approximately 13,000. The product contains no EC Black/Grey listed components.

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 litres, 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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