Catomance Technologies Limited

4 Caxton Place, Stevenage
Herts, SG1 2UF. United Kingdom
Tel: +44 (0) 1438 360747 Fax: +44 (0) 01438 360748
www.catomance.co.uk

FM 1331

MYSTOLENE MAS

PAPER AUXILIARY PRODUCT DATA

Function Water repellent, water resistant, minimum slip treatment for paper and board.

Composition Acid dispersion of metallic salts, oxides, mineral and synthetic waxes in water.

Description Free-flowing, white acid emulsion, readily dispersible in cold water. Mildly corrosive to iron and mild steel.

pH	:	4 approx.
Total solids	:	27.5% nominal

Suggested Uses Mystolene MAS is suitable for the surface treatment of paper and board, where a good level of water repellency is required. For example in horticultural packages, banana boxes and many areas where protection from deterioration by water absorption is necessary. Mystolene MAS treated board may be satisfactorily overprinted and glued. Specific information on these subjects is available on request.

Concentration The level of Mystolene MAS to be applied will depend upon the level of water resistance required and the surface to which it is applied. In general, however, the following concentrations have been found to be acceptable in practice:

Corrugated and solid board:
4-10 gm per sq. metre
Normally this is achieved using a dilution composed of 1 part Mystolene MAS to 3 parts water.

On the paper machine 0.25 to 3.0% on the dry weight of fibre at the size press or calender stack.

Application Mystolene MAS may be applied satisfactorily at the size press or calender stack. On the corrugator, application is best carried out between reel and preheater using a free-running transfer roller partially immersed in a dilution of Mystolene. Since the method of application will depend upon the equipment available, our technical service department is always willing to advise on particular application techniques.

Preparation of Mystolene MAS for application simply involves dilution to the required concentration with cold water.

Optimum water resistance is achieved when treated paper or board is dried at a temperature in excess of 60°C.

Handling Avoid contact with skin and eyes.
See Safety Data Sheet for further information.

This product will deteriorate if frozen. Appropriate storage conditions should therefore be arranged.

Issue 2 August 1994

Mystox, Mystolene, Mystolube and Mystozyme are registered Trade Marks of Catomance Technologies Limited
Whilst every reasonable care has been taken to ensure the accuracy of the above data, it is provided for general guidance only. It is assumed that the purchasers are knowledgeable as to the use of products of this nature and will satisfy themselves as to the product's fitness for the intended purpose and the appropriate method of application. Consequently no guarantee is given or liability is assumed for the information provided or for any errors or omissions.