



SATRA Technology Centre Ltd, SATRA House
Rockingham Road, Kettering
Northants., NN16 9JH
Tel: +44 (0) 1536 410000
Fax: +44 (0) 1536 410626
e-mail: info@satra.co.uk

Client: Premier Finishes
(A & G Toseland)
St Michaels Road
Kettering
Northamptonshire
NN15 6AU

For the attention of: Mark Gardner

TEXTILE AND CLOTHING INVESTIGATION SERVICE

Subject: Hygienilac detergents
Our Ref: FAB0148520
Date: 13.03.07

This report has been prepared on the basis of appropriate non-destructive testing and on information supplied to us. SATRA Fabric Care Technology Centre cannot accept liability or responsibility for the factual content of such information. Under our standard terms and conditions we regret that we cannot enter into discussions with third parties with regard to the work carried out in respect of the report, which may only be reproduced in full with the permission of SATRA Fabric Care Technology Centre. Any queries should be made in writing to the SATRA Fabric Care Technology Centre Textile and Clothing Investigation Service.

A handwritten signature in black ink, appearing to read 'Antobus', is written over a faint background of the SATRA logo.

SATRA was asked to carry out an experiment to determine if particles within the Hygienilac detergent could be shown to be present in textile items after washing with the detergent.

The following items of clothing were obtained by SATRA:

Pink polyester blouse.
Blue cotton T shirt.
Pink cotton T shirt.
White cotton shirt.
Blue poly/cotton blouse.

Each item was cut in half, one half of each item was placed in a normal wash load the others placed in the Hygienilac wash load. Hygienilac was dosed at 125mls and the normal wash load using locally purchased domestic colour powder, dosed at 75g. Loading was to 2.5kg using boil washed cotton to make up the weight with the samples. Water hardness was 27FH. Two washing machines of similar type were used - Hotpoint First Editions WM52 Spin 1000. The wash process was a 40°C normal cycle.

Following washing the textiles were hung to dry.

Samples were taken and examined under SEM (scanning electron microscope). Particles were present on the samples washed in Hygienilac which were not present on the samples washed in ordinary detergent. We believe these particles to be from the Hygienilac detergent.

The attached photographs taken using SEM show A and D which were untreated B,C,E,F,G were all treated.

Testing and report by: C Antrobus
FAB0148520

Signed by: C Antrobus
Business Centre Manager
SATRA Fabric Care Technology
Centre

