

## TECHNICAL DATA SHEET – AUGUST 2011

### IPATHERM RGR9030

Ipatherm RGR 9030 is a hot-melt product especially suitable for the cleaning of equipment used for processing and application of polyurethane (PUR) hot-melts adhesives. Ipatherm RGR 9030 neutralizes residual free isocyanates present on the equipment avoiding the cross-linking process of PUR hot-melt adhesive. Ipatherm RGR 9030 has blue colour that helps the users to distinguish this product from the colourless PUR hot-melt adhesive in the cleaning operations.

#### APPLICATION INSTRUCTIONS:

Ipatherm RGR 9030 must be applied before the cross-linking process takes place. The cured hot-melt can only be removed by mechanical means.

Melt Ipatherm RGR 9030 at 100 - 140 °C, pump and purge it through the equipment until the PUR hot-melt adhesive has been completely removed. The cleaning process is complete when there's only blue hot-melt flowing from the application system. After these operation's, the machine can be switched off with the equipment full with the cleaning product.

Before switching off or leaving the equipment loaded with Ipatherm RGR 9030 during long stops, make sure that all the PUR hot-melt is completely removed.

To restart the application of PUR hot-melt adhesives, melt the adhesive and pump it through the equipment until there is no longer blue hot-melt flowing from the application system. Take care to remove the entire cleaning product since it can have great influence in the bonding quality when mixed with the adhesive (the ability for the adhesive to bond efficiently drops considerably).

#### STORAGE:

Ipatherm RGR 9030 should be stored in the closed original container. In these conditions the product can be conserved for at least 24 months without changing its properties.

Colour	: Blue
Ring & Ball Softening Point	: 76°C
Viscosity @ 150°C	: 5000 cPs
Application Temperature Range	: 100 – 140°C

This technical data sheet summarises at the date of issue to the best of the knowledge of HB Fuller, the technical information of the product and in particular, how to safely handle and use the product in the workplace. Since HB Fuller Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this technical data sheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request