

H.B. Fuller Company P.O. Box 64683 St. Paul, MN 55164-0683

TECHNICAL DATA SHEET

HOT MELT ADHESIVE

DESCRIPTION

This product is a flexible, slow setting hot melt adhesive used on hard to bond substrates. A suggested application would be lining-up adhesive in bookbinding.

FDA STATUS: A letter is available upon request.

TYPICAL PHYSICAL PROPERTIES and GENERAL INFORMATION

Property	Value
RECOMMENDED APPLICATION TEMPERATURE	350 deg. F
MOLTEN GARDNER COLOR	4
SHELF LIFE	365 day
METTLER SOFT. POINT (ASTM D3461)	166 deg. F
RATE OF SET	SLOW
PROGRAMMED 100 GRAM OVEN PEEL	125 deg. F
PROGRAMMED OVEN SHEAR	150 deg. F
VISCOSITY @ 250F	16,000 cP
VISCOSITY @ 300F	5,300 cP
VISCOSITY @ 350F (21/10/350F)	2,175 cP
VISCOSITY @ 400F	1,100 cP

Physical properties are tentative pending production history.

CLEANUP INSTRUCTIONS

Consult the equipment manufacturer for cleanup procedures. After clean-up, flush the applicator thoroughly with hot melt to purge the system.

SAFETY INSTRUCTIONS

To minimize the risk of burns, we recommend the use of eye protection and protective clothing when working near a hot melt applicator. To minimize the risk of flammable vapors, do not exceed a melt temperature above 400F. Prevent the build-up of vapors. Extinguish all sources of ignition during hot melt use.

Last Update: 04/17/03





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LIMITED WARRANTY AND TERMS

H.B. Fuller Company ("Fuller") warrants that, for a Warranty Period of one year (or the period specified on the applicable Technical Data Sheet, whichever is less) from the date of shipment from Fuller to the Initial Purchaser, that this Fuller product was manufactured in accordance with Fuller's specifications in effect on the date of manufacture. These specifications are available upon request. This Warranty does not cover test data, or any defects, damages or other harms caused to any extent or in any way by failure to follow applicable Fuller instructions, if any, or abuse or misuse of the product.

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LIMITATIONS_OF_REMEDIES_AND_DAMAGES -- FOR ANY VALID CLAIM PRESENTED UNDER THE LIMITED WARRANTY, Fuller WILL REPLACE THE PRODUCT, OR AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS REPLACEMENT/REFUND REMEDY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST Fuller. THE PURCHASER AGREES THAT NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO PURCHASER FOR CLAIMS ARISING OUT OF ANY USE OF THE PRODUCT REGARDLESS OF THE LEGAL THEORY (CONTRACT, TORT OR OTHER). IN NO EVENT WILL Fuller BE OBLIGATED TO PAY DAMAGES TO PURCHASER IN ANY AMOUNT EXCEEDING THE PRICE THAT THE PURCHASER PAID FOR THE PRODUCT.

<u>LIMITATION_OF_ACTIONS_AND_VENUE</u> -- Any claim made or action commenced by Purchaser under Fuller's limited warranty as set forth herein must be brought within one year from the date of shipment from Fuller to the Purchaser. Purchaser agrees that all disputes arising from Fuller's sale of product to Purchaser shall be brought, if at all, in and before a court located in the State of Minnesota, to the exclusion of the courts of any other state.

<u>CONDITIONAL_ACCEPTANCE</u> -- Fuller's acceptance of Purchaser's order for this product is expressly conditional on Purchaser's assent to terms and conditions set forth herein.

ADEQUATE TESTS: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.

Last Update: 04/17/03