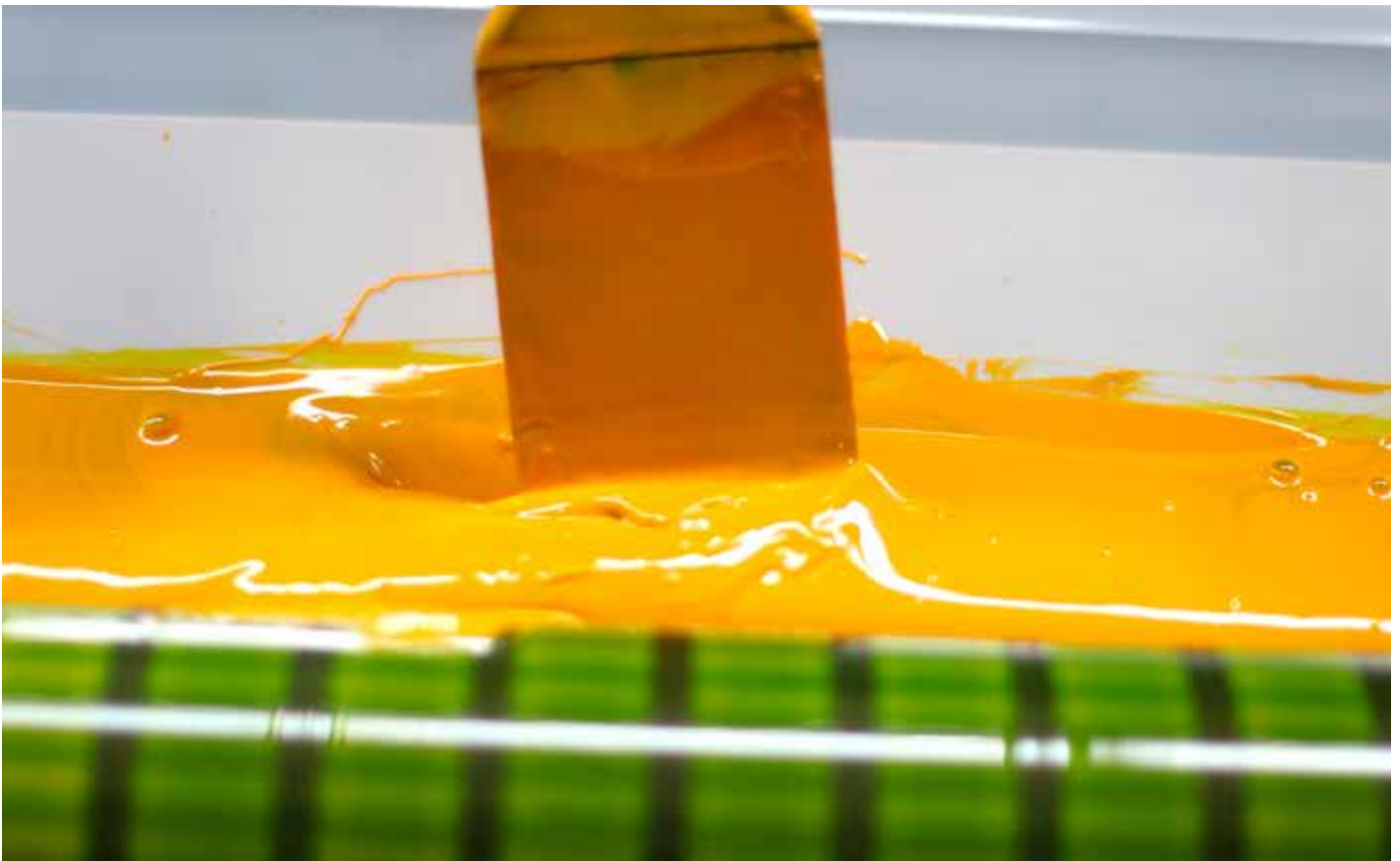




Industrial Specialties

ETHOCEL™ Solvent-free Hot Melt Inks

Provides toughness, flexibility and block resistance to the hot melt composition.



ETHOCEL™ Solvent-free Hot Melt Inks are trusted for use in fabrics, manufacturers' labels and patterns for embroidery due to their flexibility at both room and low temperatures.

ETHOCEL provides toughness, flexibility and block resistance to the hot melt composition. Due to ETHOCEL, the final product remains more flexible at both room and low temperatures.

Hotmelts of ETHOCEL can be regarded as modified wax formulations. However, ETHOCEL is not soluble in melted paraffin. Therefore it is useful to have another material in the composition to dissolve and disperse the ETHOCEL.

ETHOCEL Standard grades are preferred for their broad compatibility and greater tolerance for paraffin. ETHOCEL Low Viscosity grades are valued for their lower tendency to raise the melt viscosity.

Formulation Example:

Component	Amount
Ethocel™ STD 10	16 parts
Castor oil	6 parts
Paraffin wax	40 parts
Pigments	20 parts
Heat stabilizer/ Antioxidant e.g. BHT	0 – 10 parts

*All ingredients except ETHOCEL are heated to 150°C (302°F). ETHOCEL is added slowly, with agitation. A homogeneous liquid ink results when ETHOCEL melts.



For more information contact us:

North America	+1 800 258 2436	dowindustrialspecialties.com
Europe/Middle East/Africa	+31 11 567 2626	
Asia/Pacific	+60 3 7965 5392	
Latin America	+55 11 5188 9000	



Product Stewardship

Dow has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Form Number: 787-00022 Published October 2013

© TM Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.