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Oil-Based Vehicles and Additives

This is a list and brief description of many of our most popular Lithomaster sheetfed and Millenium web vehicle systems. In addition there is a list of the many additives we have available. You can contact us for more information regarding our wide array of products for your special application.

Sheetfed Vehicles

Premium Sheetfed Vehicles

KB-215 is the flagship of the **Lithomaster Series**. High viscosity, low shortness ratio, great litho properties.

KB-210 Workhorse sheetfed vehicle. Similar properties in a lower cost version of our popular KB-215.

KB-910 Matte stock vehicle with ultimate hold out, positive dry, and enough wetting properties to resist chalking.

Greenmaster

KB-1012 & KB-1013 Excellent sheetfed properties. Both products were developed using specific raw materials to render a smaller environmental footprint.

Midnight Black Ink Vehicle System

KB-250LT Developed specifically for process black to improve litho properties, increase density and reduce gloss back.

KB-117 Proprietary alkyd with unique pigment wetting properties for carbon black and other hard to wet pigments.

Stay Open Vehicles

KB-966/KB-967 High solids gel/freeflow with excellent combination of high quality sheetfed properties.

KB-946 Fast setting work and turn version of our stay open system. Excellent combination of set and stability.

Premium High Solids Sheetfed Vehicles

KB-280 Work horse 100% solids soya gel, with high structure, and low dot gain. Contains >50% soya oil.

KB-1010 Fast set dispersing/LB vehicle. Wetting properties from unique blend of veg. oil & proprietary ester solvent.

KB-1016 Unique setting/dry properties on all types of plastic substrates.

High Gloss Vehicles

KB-257 is a 100% solids tung/phenolic, hard drying, high viscosity gel varnish with excellent water fighting properties.

KB-310 is a 100% solids high tung content phenolic system for maximum film integrity.

KB-238 is a 100% solids free flow version of our high tung content phenolic system.

Waterless Vehicle

KB-734 Sheetfed Waterless Gel Vehicle

Flushing/Grinding Alkyds and Vehicles

KB-103 and **KB-107** are #3 and #7 body linseed linear structured alkyds.

KB-117 #5 body terephthalic alkyd; used to reduce gloss back and bronze in carbon black, alkali blue, rubine etc.

KB-120 Urethane modified alkyd, exceptional for reducing bronze

KB-406H 100% solids, high viscosity, tung oil containing, exceptional film and adhesion for paper or plastic stock.

KB-437 Lithomaster sheetfed flushing vehicle. The ultimate for finished ink properties.

Specialty Vehicles

KB-253/KB-218 "All-In-One" Rubber-Based Gel and Free Flow

KB-721 High solids Acrylic Gel to use for adhesion to plastic, duplicator inks, stay open, improve set speed

KB-959 Universal Metallic Ink Vehicle with excellent pigment wetting and resistance to tarnishing

KB-955 100% solids, our highest film forming adhesion additive for maximum film integrity

KB-771 High Solids Hard Drying Sheetfed Extender (with 1% PTFE Wax)

Economical Vehicles

KB-1027 100% Solids Economical Medium Gel Vehicle

KB-901 Economical Fast Setting Free Flow

Heatset & Forms Vehicles

Premium Heatset Vehicles

KB-673LT Fast setting, laser resistant, heatset gel vehicle

KB-633 Fast setting, laser resistant, heatset free flow vehicle

KB-618W Instant squalene heatset cover gel



MILLENIUM 2000

General Purpose Heatset Vehicles

KB-2018 Economical, high performance heatset gel vehicle

KB-2017 Economical, high performance heatset free flow vehicle

High Solids Heatset Vehicles

KB-610 High solids soya heatset gel vehicle

KB-634 High solids soya heatset free flow vehicle

Non-Heatset/Forms Vehicles

KB-814A Laser resistant forms gel vehicle

KB-813 100% solids soya forms gel vehicle

KB-806 100% solids forms free flow

News Vehicle

KB-843 Soya news vehicle

Specialty Ink Additives

Anti-Misting Bodying Compound

KB-784 Anti-Misting Compound for Oil Base and Hybrid

KB-767 Liquid "Body Builder" (Use in place of dry additives)

Anti-Skinning

KB-724 25% BHT in Soya Oil

KB-780 Hydroquinone Type

Driers

KB-144 Non-Yellowing Drier Compound

KB-145 Moisture Activated Drier

Oils

KB-151 Alkali Refined Linseed Oil

KB-152 Chinawood (Tung) Oil

KB-158 Alkali Refined Soya Oil

KB-746 Gelled Linseed Oil Tack Reducer

KB-783 Gelled 52 Oil

Litho Water Decreasing Additive

KB-791 Water Block – Water Pickup Reducer

Non-Piling

KB-750 Kentucky Lube

Slip Additives and Waxes

KB-141	Dry Micronized PTFE
KB-142	Poly Wax Compound
KB-146	Dry Poly Wax
KB-148	50% Microcrystalline Wax Compound
KB-159	Slip Additive

FOR YOUR PROTECTION: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of KUSTOM GROUP, and users should make their own tests to determine the suitability of this product for their own particular purposes. However, because of numerous factors affecting results, KUSTOM GROUP makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for particular purpose, other than that the material conforms to its applicable current Standard Specifications. Standard Specifications, although current at the time of publication, are subject to change without notice. Please refer to the Technical Data Sheet and MSDS for additional information on each product.

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