



# TECHNICAL DATA SHEET

## TECHNICAL INFORMATION AND APPLICATION INSTRUCTIONS

**9500 SERIES INKS**

**CODE REF: 443/445/446**

**SUBSTRATES:** All types of boards and paper, acrylic pre-coated white signboard, wood masonite

**END USES :** Advertising, Dump bins

### PRODUCT INFORMATION

A general purpose screening ink for board and paper noted for good scuff resistance properties.

### APPLICATION INFORMATION

**STENCIL** All direct photoemulsions, photostencil films and hand cut stencil films that are solvent resistant.

**SQUEEGEE** 70-80 durometer polyurethane blades as well as triple durometer blades that produce an even ink deposit.

**FABRIC** For best results, use 60T to 120T mesh.

**COVERAGE** 25-40 Square meter per kg (100T-120T mesh).

**DRYING** By solvent evaporation. Air dry in 20-40 minutes. May be jet-dried at low temperatures to avoid paper shrinkage.

**THINNERS** N564 S390 – 9500 Thinners or N564 S392 – 9500 Retarder.

**METALLICS** Silvers can be made by the addition of 6 – 8% aluminium powder to 9500 Clear. Metallic gold's are not possible as bronze powder is not stable in 9500 Clear and an ink will quickly gel. Any prints made this way are liable to tarnish rapidly.

**CLEAN UP** N660 S344 Economy Screen Wash.

### GENERAL GUIDELINES

**INK HANDLING** All personnel mixing and handling inks must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash and rinse affected area with soap and water. Consult the 9500 Material Safety Data Sheet for further instructions and warnings.



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**STORAGE**

Store tightly covered at temperatures between 15°C - 32°C. Ink taken from the press should not be returned to the original container. Store separately to avoid contaminating unused ink.

**CAUTION**

Please proof this ink, reduced to the consistency you wish to adopt, on a sample of the ACTUAL SUBSTRATE you will be printing BEFORE starting a production run.

Give the proof 24 hours to dry out then check for: Abrasion resistance, adhesion, print appearance and correctness of colour. The adequacy of this ink in these properties cannot be fully established on laboratory equipment on a small scale.

GL stands behind the quality of this product. GL cannot, however, guarantee the finished results because GL exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from GL.

Keep away from heat and open flame. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid prolonged breathing of vapour or spray mist. Keep container closed when not in use.

*Last Date Amended: 12 October 2006*