

## PRODUCT APPLICATION NOTE

This product application note reviews the utility of various products manufactured by Unitex Chemical Corporation. These materials are useful in a number of synthetic resin formulations, especially where non-phthalate plasticizers are required. The products are:

**UNIPLEX 400** (Polypropylene Glycol Dibenzoate, CAS No. 72245-46-6): This low volatility, moderately solvating diester plasticizer is compatible with a wide range of synthetic resins. It was designed to be used in applications requiring a plasticizer lower in volatility than diethylene glycol or dipropylene glycol dibenzoates. Uniplex 400 is an efficient, cost/performance alternative to the high alkyl benzyl phthalates.

**UNIPLEX 512** (Neopentyl Glycol Dibenzoate, CAS No.4196-89-8): This solid plasticizer (melting point 49°C) has low volatility and is compatible with several polymers. This product is especially useful as a cleaner for adhesives.

**UNIPLEX 988** (Dipropylene Glycol Dibenzoate, CAS No. 27138-31-4): This liquid plasticizer is useful in a numbers of plastics and adhesives. The low hydroxyl version is recommended as a plasticizer for cast urethane applications that require a minimum cure interference and maximum in compatibility. The excellent degree of compatibility in cast urethane systems allows use at high levels to achieve durometer readings ranging as low as 20-25 Shore A hardness for graphic arts applications.

For further information on these products as well as other benzoate esters, visit our website at [www.unitexchemical.com](http://www.unitexchemical.com) or call (800) 378-0965.

Unitex Chemical is a growing specialty chemical corporation focused on manufacturing high performance plasticizers and flame retardants. We serve a variety of applications such as the adhesives, sealants, cosmetics, coatings, and thermoplastics and thermoset markets.

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