

UNIPLEX 50
(MIXED DIETHYLENE GLYCOL DIBENZOATE AND
DIPROPYLENE GLYCOL DIBENZOATE)
CAS NOs. 120-55-8 and 27138-31-4

Uniplex 50 is a widely used plasticizer, finding applications in polyvinyl acetate based adhesives, acrylic caulk compounds, and polyvinyl chloride formulations.

Uniplex 50 is very compatible with polyvinyl acetate emulsions, giving broad compounding parameters for wet tack, set times, and open times.

Acrylic caulk compounds containing Uniplex 50 are very stable and retain excellent adhesion characteristics.

Uniplex 50 is an excellent plasticizer for polyvinyl chloride and shows exceptionally good properties in plastisol and dry blends. Polyvinyl chloride compounds containing Uniplex 50 exhibit excellent stain and extraction resistance to aliphatic solvents.

Uniplex 50 is suggested for a wide range of applications where low odor, resistance to staining, and minimal discoloration are desired.

SPECIFICATIONS:

Appearance	Clear Liquid, free of particulate matter
Acidity (as benzoic acid)	0.1% maximum
Color (APHA)	100 maximum
Assay (as benzoate ester)	98.0% minimum ester
Specific Gravity at 25°C	1.153 - 1.155

TYPICAL PROPERTIES:

Odor	Mild ester odor
Density (25°C)	9.60 pounds per gallon
Boiling Point (5 mm Hg)	240°C
Molecular Weight, average	328.3

HANDLING INFORMATION:

Refer to Material Safety Data Sheet

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.