

UNIPLEX 225
N-(2-HYDROXYPROPYL) BENZENESULFONAMIDE
CAS NO. 35325-02-1

UNIPLEX 225 is a highly effective plasticizer for polyamide and polyurethane polymers with excellent anti-static properties.

UNIPLEX 225 is also suggested for use in polyacrylic and cellulose ester.

UNIPLEX 225 exhibits excellent resistance to extraction by water and dry cleaning solvents.

PROPERTIES

Appearance Clear Viscous Liquid
Moisture, Karl Fisher 5.0 – 7.0%
Color APHA 50 Maximum
Refractive Index, 25°C 1.529 – 1.535
Solids Content 93 – 96%

*UNIPLEX 225 will become reversibly hazy at temperatures below 0°C.

APPLICATIONS

UNIPLEX 225 is an excellent plasticizer for polyurethane coatings in the coated fabrics industry. Use of 10 - 30% on the weight of the polymers is recommended.

UNIPLEX 225 is a very effective plasticizer for polyamide powders used as adhesives on interlining. It lowers the melting point of the polyamide and gives improved adhesion to various substrates. Due to its unique chemical structure, washability and dry-cleanability of the bonded fabrics are greatly improved. Recommended usage is 10 - 30% UNIPLEX 225 on the weight of the polyamide resin.

UNIPLEX 225 is recommended for paint and lacquer applications, improving the flexibility and water resistance of the coatings.

UNIPLEX 225 is an excellent stabilizing agent for pigmented unsaturated polyester resins as well as for pigment pastes formulated for use in coloring formed plastics. Typical suggested usages are 40 - 80% based on the weight of the paste.

UNIPLEX 225 used at levels of 2 - 8% on the weight of the polymer is an excellent anti-static agent.

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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.

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