

1,6 HEXANEDIOL ACRYLATE

Description

UVP 0202, 1,6 Hexanediol Diacrylate (HDDA) is a Difunctional monomers, which polymerize when expose to sources of free radicals. It is compatible with a wide range of acrylated resins. It is low odour and good flexible monomer. It is a fast curing monomer with low volatility & a hydrophobic backbone.

Product Highlights

Low Volatility and viscosity.
Light Colour
High Draize rating
Good Solvency to acrylate oligomer

Performance Verification

Good cure response at low cross link density
Good Solvent and abrasion resistance
Good Chemical resistance
Improved elasticity.
Improved weatherability

Suggested Applications

Adhesives for paper lamination.
Photopolymers
Over print Varnish
Wood Coatings
Wood fillers and topcoats
Lithographic inks
Screen Printing Inks
Coatings
Photoresists
Solder Marks

UVP 0202 Typical Physical and Chemical Properties

Appearance	Clear Liquid
Colour in Gardner scale Maximum	1
Acid Value mg Koh/g maximum	1
Viscosity @ 25 C in Cps	9
Viscosity by FCB4 30 C	14 + - 2
Functionality	2
Molecular Weight	226
Density g/Cm ³	1.11 +- 0.01
Refractive index	1.456
Tg C	43
Surface Tension dynes/cm	35.7

Storage And Handling

Should be stored in cool dark place, Avoid direct sunlight exposure on the stored /in use material. Please refer to Material safety data sheet for more information regarding storage and handling conditions.

PACKING CODES

PAC 0115 Polyethylene closed head drums Black 200 Kgs
PAC 0122 Polyethylene closed head drums Black 90 Kgs
PAC 0132 Polyethylene closed head drums Black 50 Kgs
PAC 0141 Polyethylene closed head drums Black 20 Kgs

Version 01

Date of issue: 01/01/13

Supersedes : _ _

MPD Industries P.Ltd.

Tel : 91-731-3299031 , 2973326 E-mail : info@mpdyechem.com

Web : www.mpdyechem.com

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond MPD Industries control. The listed properties are illustrative only, and not product specifications. MPD Industries Pvt .Ltd. disclaims any liability in connection with the use of the information and does not warrant against infringement by reason of the use of its products in combination with other material or in any process