

# ULTRA 4001

## Technical Data Sheet

<b>DESCRIPTION</b>	ULTRA 4001 is a 100% solid diacrylate ester of Bisphenol A epoxy resin. ULTRA 4001 is cured by exposure to Ultraviolet light.
<b>APPLICATION</b>	ULTRA 4001 finds use in various UV applications such as optical fibres, printing inks, coatings and varnishes.
<b>PERFORMANCE HIGHLIGHTS</b>	UV cured products based on ULTRA 4001 exhibit high surface hardness, high gloss, solvent and water resistance.

### LIQUID PROPERTIES

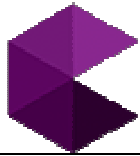
Property <sup>1</sup>	UOM	Specification
Appearance	Visual	Clear liquid
Color	Gardner-Hellige	Max 1
Viscosity at 60°C	mPa.s	4000-7000
Functionality	-	2

Note: Test methods are available upon request.

### SOLUBILITY AND COMPATIBILITY

Type	Characteristic
Aromatic	Limited
Aliphatic	Insoluble
Esters / Ketones	Soluble
Glycols / Ethers	Soluble
Alcohols	Limited

<b>CERTIFICATES AND APPROVALS</b>	Crest Composites and Plastics Pvt Ltd (CCPPL) follows the best practices recognized by international certification bodies for manufacturing, product qualification and occupational health and safety. Company complies to ISO 9001, ISO 14001.
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### STORAGE AND HANDLING

It is recommended to store ULTRA 4001 at a temperature of 5-25°C and low humidity in securely closed containers. Storage premises should be cool and adequately ventilated. For safety purpose it is advisable to keep the storage area clean. The product has to be handled carefully and any contact with skin should be avoided. Sound working practices should be adopted so that the product is not released into the atmosphere. Material should be kept away from spark and heat sources. Direct exposure to sunlight should be avoided.

### CAUTION

The resin should not be allowed to pollute the ground under any circumstances. Inhalation of vapors may cause drowsiness and dizziness. Due to its low flash point the resin may result in fire hazards, if exposed to unguarded flame & possible sources of ignition.

### NOTE

All the above information is based on the results of the test carried out at our laboratories to the best of our ability. The figures are intended to give a general indication of the characteristics of the product. No liability must be assumed or implied as a result of the data given.

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### Crest Composites and Plastic Pvt. Ltd.

Survey No. 609, Village – Shetra, Tal. & Dist: Kheda – 387 506, Gujarat (India)

Tel No.: 02694 – 281 351 | 281 352 | 281 694, Fax: 02694 – 281 352, e-mail: cpol@crestcomposites.com