

Product Information Sheet

RC 1160 Clear Visible Light Cure Adhesive

# High Technology

Light Technology Specialists

# RC 1160 Clear Visible Light Cure Adhesive

## Properties

RC 1160 is a clear light curing adhesive, formulated for use on polycarbonate standard and speciality lenses. It gives high bond strength when used with suitable lenses giving a clear strong bond.

## Special Features

Fast curing with good solvent, chemical and water resistance.

No ozone produced with using visible light curing.

Low odour.

Exceptional wet out and bond with suitable Polycarbonates.

Formulated *without* toxic chemicals.

Fully cured adhesive film gives clear good transparent films.

## Areas of Use

Bonding of difficult polycarbonate lenses that may have dichroic and band pass interference light filters.

## Drying/Curing

High intensity, LED light.

## Solids/Non Volative Liquid

100%

## Coating Levels

Approx 4 to 7 gsm.

## Viscosity

RC 1160 is supplied with applicator, ready to run.

The viscosity is supplied at a range which ensures maximum flow and bonding on Press and will depend on type of materials bonded, running speeds and coating applicator.

## Storage and Usage

RC 1160 Adhesive should be used within three months and stored no longer than six months. Sealed light impervious containers must be used and kept stored in dry ambient (16-28 Centigrade) conditions. Exposure to any ultraviolet light or sunlight may cause premature viscosity increase, gelling and curing to a solid. Exposure to high temperatures greater than 50 degrees centigrade and sunlight could also cause bulk exothermic high temperature reactions and curing/crosslinking to a gel or solid form.

## Health and Safety

UV Primers are classed as irritants and as such should be prevented from coming into contact with you or any other person. Irritants have the potential to sensitise. Personnel with sensitive skin would need to take strict precautions in the use of these products. Gloves/goggles/glasses overalls and other suitable protective wear must be used were necessary to protect from any personnel contact.

# High Technology

## Light Technology Specialists

We specialise in light technologies including light measuring equipment (IR, UV, visible), light curing coatings, inks, adhesives, lamps and equipment.

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