



## UV Spincoat Lacquer (UVL093)

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### PROPERTIES

UVL093, UV-Curable lacquer for compact disc, provides excellent resistance to extreme heat and humidity to ensure lifetime preservation of the information layer. Cured UVL093 can accept screenprint and other decoration techniques.

Property	Specification	Test Method
Appearance	Light yellow, transparent	Visual
Solids	100% non-volatile	-
Viscosity	60-65 mPa.s (cps)	25 Degrees Celsius (Brookfield 1/100)
Curing speed	200 mJ/cm <sup>2</sup>	High pressure mercury lamp

### Features

- Solventless
  - Safety
  - Excellent Protection
  - Transparency
  - Quick Curing
  - Low Viscosity
- Environmental friendly  
Low irritation  
Completely protects the information layer from corrosion  
Excellent clarity; gives vivid color ink finish  
Requires low UV energy dose  
Suitable for use with a spin-coater; improving productivity

### INSTRUCTIONS FOR USE

#### Recommended Spin-Coating Conditions:

Spin rate	2,000-5,000 rpm
Spin time	0.5-3.0 sec.

#### Recommended Curing Conditions:

UV Lamp	High pressure mercury Lamp
Height of lamp	10 cm
Watt-hour quantity of light	200-300 mJ/cm <sup>2</sup>

### Standard Products

The standard products are available as follows:

UVL093 UV Spincoat Lacquer clear

### STANDARD PACKING

UV Spincoat Lacquer is available in 25 Kg and 5 Kg containers.

## STORAGE

UVL093 should be stored in a cool, dark place, preferably between 10-25°C. Containers should be tightly closed immediately after use. UVL093 has a shelf life of 12 months.

## SAFETY AND HANDLING

- Avoid direct sunlight. Store in a well-ventilated area at a temperature not exceeding 25°C.
- If material does come in contact with your skin, wash off immediately with soap and water. Do not ingest.
- Wear impermeable gloves, goggles, and clothing.
- Use in a well-ventilated area.
- Part 1303, Title 16, Code of Federal Regulations of U.S.A.
- The consumption of food and drink, and smoking are not recommended.

Please read MSDS for full precautionary information.

## ENVIRONMENTAL INFORMATION

### UVL093:

- Is formulated free from ozone depleting chemicals as described in the Montreal Convention.
- Does not contain heavy metals.
- Is free from aromatic hydrocarbons, known to have an adverse effect on the environment.
- Does not have any volatile solvents and are therefore less harmful to the environment when compared with solvent-based products.

## TECHNICAL SERVICE AND INFORMATION

For further information or other relevant data, please do not hesitate to contact us. Chaiyaboon Brothers Company (CBC) has a team of well-trained personnel who are ready to give help and advise regarding product information and application.