

SONY



SK6503

L i q u i d A d h e s i v e



Sony's SK6503 is a UV-curable adhesive used for all DVD formats. This product is a lower viscosity adhesive to be used in bonding equipment where standard higher viscosity adhesives are limited.

SK6503 is a clear, spin-coatable, free radical, acrylic adhesive designed to offer an enhanced cure speed while maintaining all the properties that are expected in a Sony adhesive.

Properties

Item	Liquid Property	Test Method
Appearance	Light Yellow, Transparent	Visual
Viscosity	200 - 300 mPa. sec	Cone & Plate Viscometer @ 25°C
Surface Tension	30mN/m	@ 25°C
Specific Gravity	1.13	Densimeter
Hardness	~ 50	Pendulum Hardness

Recommended Process Conditions

Condition	Value
UV Irradiation	
UV Lamp	120 watt/cm Metal halide lamp
UV Dosage (320-390 nm) UV Power Puck meter by EIT	
-Adhesive through semi-reflective layer	120 mJ/cm ²
-Surface of disc	700 mJ/cm ²
UV Irradiance (320-390 nm) UV Power Puck meter by EIT	
-Adhesive through semi-reflective layer	100 mw/cm ²
-Surface of disc	600 mw/cm ²

All information supplied is typical of what can be expected in general practical use. Finished properties may vary depending on your individual application. This data is not intended to be used for specification, but provided for typical values.

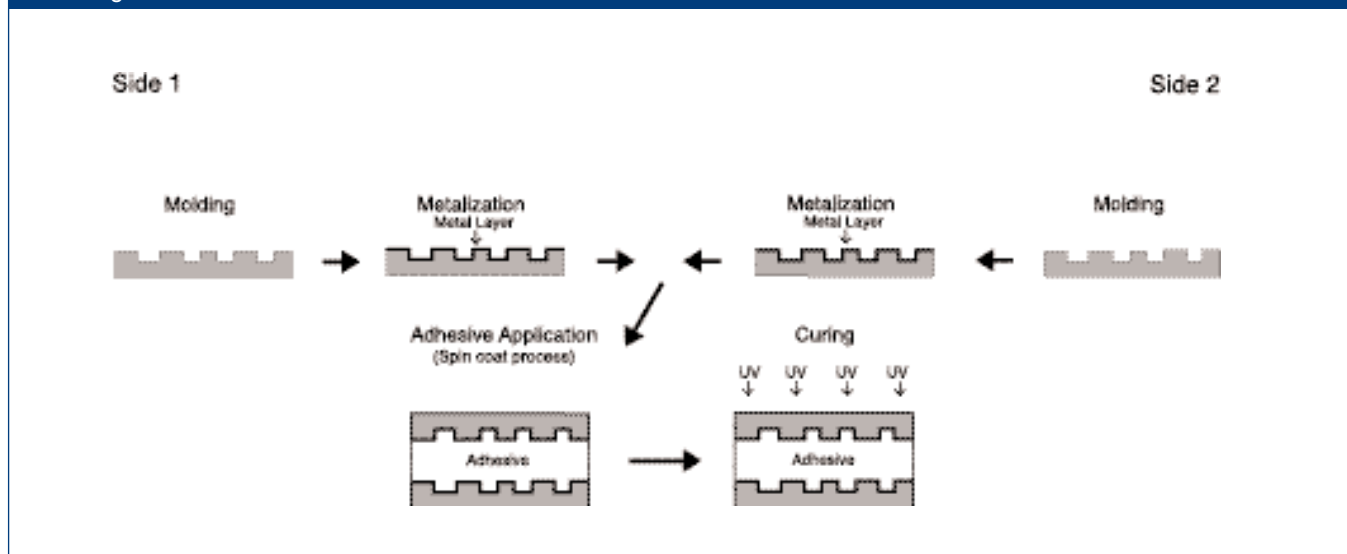


Visit us at www.sonychemicals.com

SK6503

Liquid Adhesive

Bonding Process



Precautions

Please read MSDS for full precautionary information. If material does come in contact with your skin, wash off immediately with soap and water. Do not ingest. Wear impermeable gloves, eyewear, and protective clothing. Use in a well-ventilated area.

Storage

Avoid direct sunlight. Store in a well-ventilated area at a temperature not exceeding 25°C.

Visit us at www.sonychemicals.com
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