

Development
Article

Self-healing UV Curable Resin

Soft feeling

One-component
UV curable
resin

Quick
Self healing

Excellent
adhesion

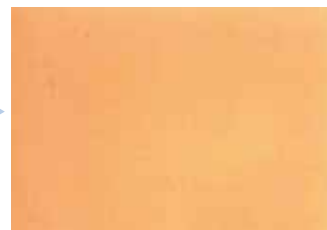
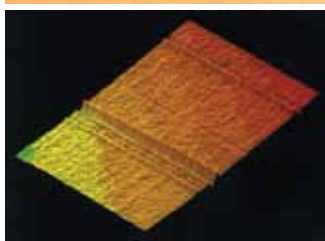
Properties

*Values given are typical and are not necessarily for use in specifications.

		UV-SH100	UV-SH101	UV-SH102
Pencil hardness (on PET film)		3B~2B	B	H
Healing ability		Excellent	Good	Good
Adhesion	PET film	100 / 100	100 / 100	100 / 100
	ABS	100 / 100	100 / 100	100 / 100
	PC	100 / 100	100 / 100	100 / 100

Optical microscope

Right after scratching
with a brass brush
(500g pressure)



Optical microscope

1 minute later

Laser scanning microscope

Laser scanning microscope

■Japan
 NIPPON GOHSEI (Specialty Polymers Dept.)
 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023, Japan
 Tel: +81-3-6436-2815
 E-mail: #ngc-spp@mail.nichigo.co.jp

■China
 NICHIGO SHANGHAI Co., Ltd. (日之高上海商貿有限公司)
 Room 4203 The Center, No.989, Chang Le Road, Shanghai 200031
 Tel: +86-21-5407-6333
 E-mail: #ngc-china@mail.nichigo.co.jp

■Europe, Middle East, and Africa
 NIPPON GOHSEI Europe GmbH
 Merowingerplatz 1a, D-40225, Dusseldorf, Germany
 Tel: +49-211-385488-24
 E-mail: eurossales@nippon-gohsei.com

■Southeast Asia
 NIPPON GOHSEI (THAILAND) Co., Ltd.
 183 Rajadamri Road, Lumpini Pathumwan, Bangkok 10330 Thailand
 Tel: +66-2-251-1569
 E-mail: #ngc-se-asia@mail.nichigo.co.jp

■Americas
 NIPPON GOHSEI (USA) Co., Ltd
 3930 Ventura Drive, Suite 355, Arlington Heights, IL 60004, USA
 Tel: +1-847-222-0243 (Ext. 14)
 E-mail: NUSinfo@nichigo-usa.com