

Hypomer FS-2860A

Acrylic Polyol Resin

FEATURES

- High gloss
- Good hardness
- High curing speed

CHEMICAL & PHYSICAL PROPERTIES

Composition	hydroxyl acrylic copolymer
Appearance	clear viscous liquid
Color value	≤50 APHA
Non-volatile content	58 - 61 %
Solvent	xylene / n-butyl acetate
Specific gravity	ca. 1.02
Dynamic viscosity	2500 - 4400 cP (25 °C)
Acid value	10 - 15 mg KOH / g (100 %)
OH value	ca. 55.4 mg KOH / g (as received)
OH %	ca. 1.68 % (as received)
Tg	ca. 57 °C (measured by DSC)

APPLICATIONS

- Plastic coatings
- Automobile refinishing
- Transportations and industrial applications

SOLUBILITY

	Dilution
Mineral spirit (B.P. 100 - 140 °C)	O
Toluene	+
Xylene	+
Ethyl acetate	+
n-Butyl acetate	+
Methyl ethyl ketone	+
Propylene glycol monomethyl ether acetate	+

COMPATIBILITY

	Resin Solution	Dried Film
Hypomer FS-2050	+	+
Hypomer FS-2060A	+	+
Hypomer FS-2460A	+	+
Hypomer FS-2820	+	+
Hypomer FS-3060	+	+
Hypomer FS-4365A	+	+
Hypomer FS-4660	+	+

+ = soluble / compatible

O = limited soluble / compatible

– = insoluble / incompatible

Mixing ratio of **Hypomer FS-2860A** with resin is 1/1.

HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

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SHELF LIFE

Hypomer FS-2860A has a shelf life of 2 (two) years from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563