

# Hypomer FS-2052

## Acrylic Polyol Resin

### FEATURES

- Fast drying
- Good adhesion to plastics
- Good weather resistance
- Good compatibility with cellulose acetobutyrate (CAB)
- Suitable for one component system

### CHEMICAL & PHYSICAL PROPERTIES

Composition	hydroxyl acrylic copolymer
Appearance	clear viscous liquid
Color value	≤ 50 APHA
Non-volatile content	48 - 52 %
Solvent	n-butyl acetate
Specific gravity	ca. 1.01
Dynamic viscosity	5,000 - 10,000 cP (25 °C)
Acid value	4 - 8 mg KOH / g (100 %)
OH value	ca. 33 mg KOH / g (as received)
OH %	ca. 1 % (as received)
Tg	ca. 64 °C (measured by DSC)

These are typical properties not to be used for specification purposes.

### APPLICATIONS

- Automobile refinishing
- Base coat
- Metallic coatings
- Plastic coatings

### SOLUBILITY

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

### COMPATIBILITY

	<u>Resin Solution</u>	<u>Dried Film</u>
Hypomer FS-2050	+	+
Hypomer FS-2060A	+	+
Hypomer FS-2061	+	+
Hypomer FS-2460A	+	+
Hypomer FS-2860A	+	+
Hypomer FS-3270	+	+
Hypomer FS-4660	+	+

+ = soluble / compatible

O = limited soluble / compatible

– = insoluble / incompatible

Mixing ratio of **Hypomer FS-2052** with resin is 1 / 1.

### HEALTH AND SAFETY

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.

*continued...*

## Hypomer FS-2052

### SHELF LIFE

**Hypomer FS-2052** 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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