

Hypomer FS-2050

Acrylic Polyol Resin

FEATURES

- Fast drying
- Good weather resistance
- Good orientation of metallic pigments
- Suitable for one-component system

CHEMICAL & PHYSICAL PROPERTIES

Composition	hydroxyl acrylic copolymer
Appearance	clear liquid
Color value	≤ 50 APHA
Non-volatile content	49.5 - 52.0 %
Solvent	toluene / n-butyl acetate
Specific gravity	ca. 1.01
Dynamic viscosity	2800 - 4500 cP (25 °C)
Acid value	3 - 6 mg KOH / g
OH value	ca. 33.0 (as received)
OH %	ca. 1.0 % (as received)
Tg	ca. 61 °C (measured by DSC)

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

APPLICATIONS

- Two component applications
- One component applications
- Plastic coating
- Metal coating
- Automobile, motorcycle base coat and pigmented coatings

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-2060	+	+
Hypomer FS-2060B	+	+
Hypomer FS-2460A	+	+
Hypomer FS-2820	+	+
Hypomer FS-2860A	+	+
Hypomer FS-3060	+	+
Hypomer FS-3070	+	+
Hypomer FS-3075	+	+
Hypomer FS-4365	+	+
Hypomer FS-4660	+	—

+ = soluble / compatible

O = limited soluble / compatible

— = insoluble / incompatible

Mixing ratio of **Hypomer FS-2050** 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.

Hypomer FS-2050

SHELF LIFE

Hypomer FS-2050 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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