ELEMENTIS
A global specialty chemicals company

Enhanced Performance Through Applied Innovation

Hypomer FS-4470

Acrylic Polyol Resin

FEATURES

High film build, gloss and DOI
Good leveling
Good impact resistance

CHEMICAL & PHYSICAL PROPERTIES

Composition	hydroxyl acrylic copolymer
Appearance	clear viscous liquid
Color value	≦ 100 APHA
Non-volatile content	68 - 72 %
Solvent	n-butyl acetate / ethylene glycol monoethyl ether acetate
Specific gravity	ca. 1.0
Dynamic viscosity	2000 - 5000 cP (25 ˚C)
Acid value	10 - 25 mg KOH / g (100 %)
OH value	ca. 101.7 mg KOH / g (as received)
OH %	ca. 3.1 % (as received)
Tg	ca. 26 °C (measured by DSC)

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

APPLICATIONS

- Automobile refinish
- Transportations and industrial applications

SOLUBILITY

	Dilution
Mineral spirit (B.P. 100 - 140℃)	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-2860A	+	+
Hypomer FS-3060	+	+
Hypomer FS-3270	+	+
Hypomer FS-4365A	+	+
Hypomer FS-4660	+	+

\+ = soluble / compatible
O = limited soluble / compatible
— = insoluble / incompatible
Mixing ratio of **Hypomer FS-4470** 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…

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SHELF LIFE

Hypomer FS-4470 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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