



HANACRYL HR-1570

(Hydroxyl Functional Acryl Polyol)

TECHNICAL DATASHEET

DESCRIPTION

HANACRYL HR-1570 is a hydroxyl functional, fast drying, acrylic polyol for higher solids polyurethane coating applications.

APPLICATIONS

- General metal coating applications
- Automotive OEM and Refinish applications
- Plastic component coating applications

FEATURES

- Outstanding gloss
- Color retention
- Outstanding durability
- Very fast dry time
- Early hardness development
- Good pot life

TYPICAL PROPERTIES

Appearance	Clear liquid
Viscosity (Gardner)	Z~Z ₃
Solids	74~76 wt%
OH value	150 mg KOH/g
Acid value	3~10 mg KOH/g
Tg	57°C
Color (Gardner)	Max. 1
Density	1.00
Solvent	Butyl acetate

HOW TO USE

- Based on 100% conversion of reactive groups the following equation can be used to calculate the quantity of polyisocyanate needed for crosslinking 100 parts (insert product name) (on solids):

$$\text{Polyisocyanate} = \frac{42 \times 100 \times \text{OH\% (solid resin)}}{17 \times \text{NCO\% (f.o.d.)}}$$

42 = molecular weight of the NCO-group

17 = molecular weight of the OH-group

- Anhydrous solvents as well as solvents free of hydroxyl functional groups should be used in the presence of polyisocyanates, as dilution solvents.

USABLE LIFE AND STORAGE

- When stored between 5 and 35°C in the original unopened containers, HR-1570 has a usable life of 12 months from the date of production.
- Storage should be under cover, out of direct sunlight and avoiding extreme temperature changes.

HANDLING PRECAUTIONS

- Product safety information required for safe use is not included in this document.
- Before handling, read product and material safety data sheet and container labels for safe use, physical and health hazard information.

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