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TECHNICAL DATA SHEET

VINYL COPOLYMER RESIN - HYHH

DESCRIPTION:

HYHH SOLUTION VINYL RESIN IS A HIGH MOLECULAR WEIGHT COPOLYMER OF VINYL CHLORIDE AND VINYL ACETATE. IT IS SUPPLIED AS A POWDER. THE VINYL CHLORIDE CONTENT IS ABOUT 86%. INTRODUCTION HYHH SOLUTION VINYL RESIN PROVIDES A GOOD BALANCE OF CHEMICAL RESISTANCE, SOLUBILITY, FILM STRENGTH AND THERMOPLASTICITY. THIS RESIN IS MISCIBLE WITH FUNCTIONALIZED SOLUTION VINYLRESINS. HYHH SOLUTION VINYL RESIN PROVIDES ADHESION TO PVC SUBSTRATES.

TYPICAL APPLICATIONS:

- ADHESIVES
- INDUSTRIAL COATINGS
- CIVIL ENGINEERING
- INKS AND OVERLACQUERS
- MARINE AND MAINTENANCE

POLYMER COMPOSITION % BY WT.

VCI	86 (+-2)
VAC	14 (+-2)

REACTIVE FUNCTIONALITY

INHERENT VISCOSITY	0.5
SPECIFIC GRAVITY	1.40
GLASS TRANSITION TEMP.(T _g), °C	70
AVERAGE MOLECULAR WT, MN ¹	25000
SOLUTION VISCOSITY ^K AT 25°C, cP	550
30% SOLIDS MEK	

TYPICAL SOLUTION PROPERTIES

SOLIDS, % BY WT.	20
MEK / TOLUENE	50/50
VISCOSITY AT 25°C, cP	180

	PACKAGING - FOOD	CIVIL ENGG.	MARINE AND MAINTENANCE	INKS	ADHESIVES	IND. COATING
HYHH	YES	YES	YES	YES	YES	YES