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TECHNICAL DATA SHEET

HMCH - HIGH MOLECULAR WEIGHT CARBOXYL-FUNCTIONAL TERPOLYMER

HMCH VINYL RESIN IS A HIGH MOLECULAR WEIGHT, CARBOXY-FUNCTIONAL TERPOLYMER COMPRISED OF VINYL CHLORIDE, VINYL ACETATE AND MALEIC ACID. IT IS SUPPLIED AS A POWDER. THE VINYL CHLORIDE CONTENT IS ~86% WHILE THE CARBOXY LEVEL IS ~1.0%.

HMCH VINYL RESIN PROVIDES GOOD ADHESION TO VINYL, METALS, CONCRETE AND CELLULOSIC SUBSTRATES. THIS RESIN GIVES HIGHLY FLEXIBLE, POST-FORMABLE COATINGS ON METAL COIL AND SHEET.

FEATURES:

- PRODUCES HIGHLY FLEXIBLE POST-FORMABLE COATINGS ON METAL COIL AND SHEET
- ADHESION TO VINYL, METALS, CONCRETE AND CELLULOSIC SUBSTRATES
- TASTELESS, ODORLESS
- FDA APPROVED FOR FOOD CONTACT APPLICATIONS

APPLICATIONS:

- USED IN A WIDE VARIETY OF CLEAR AND PIGMENTED COATINGS ON PAPER, FILM, FOIL AND FABRIC
- USEFUL IN THE PRODUCTION OF HEAT SEALABLE PACKAGING COATINGS AND ADHESIVES
- CAN BE USED IN METAL COATINGS AND MARINE AND MAINTENANCE COATING
- COATINGS FOR METAL FOOD CANS

TECHNICAL SPECIFICATIONS HMCH

POLYMER COMPOSITION % BY WT.

VCI	86
VAC	13
MALEIC ACID	1
APPEARANCE	WHITE POWDER
SPECIFIC GRAVITY	1.35
AVG. MOLECULAR WEIGHT	27000
TYPE	CARBOXY
GLASS TRANSITION TEMP. °C	74
VISCOSITY 20% SOL MEK BY FORD B4 CUP	24 SECS