



406-35421 Z-Coat Yellow 139-S

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DISPERSION: PRODUCT 406-35421 IS A SOLVENT-BORNE PIGMENT DISPERSION DESIGNED FOR USE IN COATINGS THAT ARE CURED USING ISOCYANATES OR MELAMINES. IT IS PROCESSED TO A TECHNO-COMMERCIAL OPTIMUM TO PROVIDE MAXIMAL HIDING AT MODERATE COST.

PIGMENT: THIS PIGMENT IS THE LARGE-CRYSTAL, OPAQUE FORM OF ISOINDOLINONE YELLOW 139. IN ADDITION TO EXCELLENT LIGHTFASTNESS THIS PIGMENT DELIVERS EXCEPTIONAL OPACITY. ITS VERY RED SHADE, WHEN BLENDED WITH RED 254, ENABLES FORMULATORS TO PRODUCE A COMPLETE RANGE OF YELLOW-TO-RED SHADES WITHOUT RECOURSE TO USING ORANGE PIGMENTS, THUS MINIMIZING THE NUMBER OF PIGMENTS REQUIRED IN THIS REGION OF COLORSPACE.

POLYMER: A BROADLY COMPATIBLE ACRYLIC RESIN HAVING PRIMARY HYDROXYL GROUPS IS USED AS THE DISPERSION VEHICLE FOR THIS PRODUCT. IN ADDITION TO VERY GOOD HEAT AND LIGHT STABILITY THIS RESIN EXHIBITS GOOD COMPATIBILITY WITH BAKING ALKYDS, WITH BAKING POLYESTERS, AND WITH ALIPHATIC AND AROMATIC ISOCYANATES FOR URETHANE APPLICATIONS.

SOLVENT: TERTIARY BUTYL ACETATE AND PCBTF ARE THE SOLE SOLVENTS MAKING THIS PRODUCT SUITABLE FOR ZERO VOC FORMULATIONS ACROSS MOST MAJOR REGULATORY VENUES.

PAINT MAKING: IN ADDITION TO USING THIS PRODUCT TO CREATE NEW ZERO VOC COATINGS FORMULATORS CAN ALSO MODIFY PREEXISTING CONVENTIONAL COMPOSITIONS THUS OBTAINING THE USE OF MULTIPLE DISPERSIONS TO SERVICE DIFFERENT PRODUCT LINES. IN EACH SUCH APPLICATION THE PAINT MAKER CAN EXPECT EASY BLENDING, GOOD COMPATIBILITY, HIGH GLOSS, AND RAPID CURE.

PRODUCT		
CONSTANTS:	SPECIFIC GRAVITY	1.28
	VOLATILE CONTENT	34.9%
	VEHICLE SOLIDS	24.1%
	PIGMENT YELLOW 139	41.0%
	V.O.C.	0.0 lbs.

DATE: 01 MAY 2007
SUPERSEDES: --