



# 406

## Z-COAT DISPERSIONS

### 406-36651

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**DISPERSION:** PRODUCT 406-36651 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 COLOR STRENGTH AT MODERATE COST.

**PIGMENT:** THIS PIGMENT IS THE SMALL-CRYSTAL, TRANSPARENT FORM OF PIGMENT VIOLET 19 (GAMMA). ITS VERY HIGH CHROMA AND HIGH TINT STRENGTH MAKE IT A WORKHORSE IN THE BLuish-RED REGION OF COLORSPACE. ITS VERY GOOD DURABILITY IN FULL SHADE AND IN TINT RECOMMEND IT FOR THE FULL RANGE OF INDUSTRIAL APPLICATIONS.

**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.

<b>PRODUCT CONSTANTS:</b>	SPECIFIC GRAVITY	1.10
	VOLATILE CONTENT	47.9%
	VEHICLE SOLIDS	32.1%
	PIGMENT VIOLET 19	20.0%
	V.O.C.	0.0 lbs.

DATE: 01 MAY 2007  
SUPERSEDES: ----