



## 406-37451 Z-Coat Violet 23-S

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**DISPERSION:** PRODUCT 406-37451 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 CARBAZOLE VIOLET 23. ITS HIGH CHROMA AND HIGH TINT STRENGTH ARE UNSURPASSED IN THE VIOLET REGION OF COLORSPACE. ALTHOUGH DURABILITY IN FULL SHADE IS VERY GOOD THIS PIGMENT IS LESS DURABLE IN TINT AND MUST BE TESTED WITH CARE IN SUCH USES.

**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</b>		
<b>CONSTANTS:</b>	SPECIFIC GRAVITY	1.09
	VOLATILE CONTENT	52.5%
	VEHICLE SOLIDS	32.5%
	PIGMENT VIOLET 23	15.0%
	V.O.C.	0.0 lbs.

DATE: 01 MAY 2007  
SUPERSEDES: ----