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Z-COAT DISPERSIONS

406-39230

Z-Coat Black-S

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DISPERSION: PRODUCT 406-39230 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 OPACITY AND TINT STRENGTH AT MODERATE COST.

PIGMENT: THIS PIGMENT IS A MEDIUM PARTICLE SIZED VERSION OF PIGMENT BLACK 7. PRODUCED BY THE FURNACE PROCESS AND POST-TREATED IT AFFORDS HIGH OPACITY, GOOD TINT STRENGTH, AND GOOD RESISTANCE TO FLOCCULATION.

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	1.19
	VOLATILE CONTENT	42.5%
	VEHICLE SOLIDS	24.4%
	PIGMENT BLACK 7	33.1%
	V.O.C.	0.0 lbs.

DATE: 9 NOVEMBER 06
SUPERSEDES: NEW