



414-34100 PHTHALO BLUE R.S.

PRODUCT 414-34100 IS A CONCENTRATED DISPERSION OF A RED SHADE PHTHALOCYANINE BLUE PIGMENT IN A BROADLY COMPATIBLE RESIN SOLUTION IN N-BUTYL ACETATE. THESE LACQUERPACK DISPERSIONS HAVE BEEN DESIGNED SPECIFICALLY FOR USE IN THE FULL PIGMENTATION OF THESE PRODUCTS:

VINYL LACQUERS
ACRYLIC LACQUERS
NITROCELLULOSE LACQUERS

AEROSOL COATINGS
SCREEN INKS
UV INKS

UNLIKE "UNIVERSAL" DISPERSIONS WHICH SHOULD BE USED ONLY FOR TINTING PURPOSES, THESE LACQUERPACK DISPERSIONS CAN BE USED AT UP TO 25% OF THE FORMULA WITHOUT COMPROMISE OF FINAL COATING PROPERTIES. COATINGS SO CONSTRUCTED CAN BE TINTED THEREAFTER WITH THE FULL RANGE OF 955 UNIVERSAL DISPERSIONS TO TAKE ADVANTAGE OF THE UNSURPASSED COLORANT DIVERSITY OF THE 955 LINE.

THIS PIGMENT IS THE SMALL-CRYSTAL TRANSPARENT FORM OF PIGMENT BLUE 15:2. A VERY CLEAN, STRONG RED-SHADE VERSION OF PHTHALOCYANINE BLUE THIS PIGMENT FINDS USE IN POLYCHROMATIC FINISHES AS WELL AS IN STRAIGHT SHADES. WHILE ITS COST IS MODERATE ITS ESSENTIAL PROPERTIES OF HEAT STABILITY, WEATHER FASTNESS, AND TINT STRENGTH ARE UNIFORMLY EXCELLENT.

IN ADDITION TO THE USUAL PRODUCT CONSTANTS AND PERFORMANCE DATA LISTED BELOW THE VERY FAVORABLE MIR (MAXIMUM INCREMENTAL REACTIVITY) VALUE FOR THIS DISPERSION IS POSTED TO ENABLE THE FORMULATOR TO CALCULATE HIS FINAL MIR IN A STRAIGHTFORWARD MANNER.

LIGHT RESISTANCE:

FULL SHADE EXCELLENT
TINT EXCELLENT

CHEMICAL RESISTANCE:

ACID EXCELLENT
ALKALI EXCELLENT

SOLVENT RESISTANCE:

MINERAL SPIRITS EXCELLENT
TOLUENE EXCELLENT
LACQUER EXCELLENT

HEAT RESISTANCE: 390°F.

PRODUCT CONSTANTS:

WEIGHT/GALLON 8.7LBS
PERCENT NVM 44.0%
PIGMENT BLUE 15:2 20.0%
V.O.C./GALLON 4.8 LBS
MIR 0.498g O₃/g

DATE: 20 NOVEMBER 02
SUPERSEDES: 07 OCTOBER 02