



## 414-35771 YELLOW OXIDE

PRODUCT 414-35771 IS A CONCENTRATED DISPERSION OF A YELLOW IRON OXIDE 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 LARGE CRYSTAL, OPAQUE FORM OF PIGMENT YELLOW 42. AFTER DRY MICRONIZING THIS PIGMENT IS WET GROUND TO A FINENESS ENDPOINT WHICH MAXIMIZES HIDING AND TINT STRENGTH, MINIMIZES SETTLING, AND PRODUCES SMOOTH, GLOSSY, SPECK-FREE PAINT FILMS.

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

**SOLVENT RESISTANCE:**

MINERAL SPIRITS      EXCELLENT  
TOLUENE              EXCELLENT  
LACQUER              EXCELLENT

**PRODUCT CONSTANTS:**

WEIGHT/GALLON      12.0LBS  
PERCENT NVM              61.5%  
PIGMENT YELLOW 42      45.0%  
V.O.C./GALLON              4.6LBS  
**MIR**                      0.335g O<sub>3</sub>/g

**CHEMICAL RESISTANCE:**

ACID                  EXCELLENT  
ALKALI                EXCELLENT

**HEAT RESISTANCE:**      320°F.

DATE: 30 MAR 22  
SUPERSEDES: 20 NOV 02