



# DECORATIVE LACQUERS

**GENERAL ELECTRIC COMPANY**

LAMP COMPONENTS DIVISION

PRODUCT DATA SHEET 7770-B

SEPTEMBER, 1982

(Replaces 7770-B, 11-81)

General Electric has a series of decorative lacquers designed to impart specific color appearance to a wide variety of glass materials or lamps. Our decorative lacquers utilize acrylic, cellulosic and silicone film-forming polymers. These lacquers have inherent properties of fast air drying and good film-forming strength. GE decorative lacquers are available with a wide range of film properties—i.e., tensile strength, hardness, adhesion, heat resistance, transparency (transparent to translucent) and are adaptable to a variety of application methods—i.e., dip, spray.

## TYPICAL PRODUCT CHARACTERISTICS

### ACRYLIC LACQUERS

<u>Product Designation</u>	<u>Order Number</u>	<u>Viscosity*</u>	<u>%Solids</u>	<u>Weight/Liter</u>
Green Acrylic Lacquer	5001400	7 ± 1 sec.	29.1	.92 kg
Blue Acrylic Lacquer	5001500	7 ± 1 sec.	28.5	.92 kg
Red Acrylic Lacquer	5001600	7 ± 1 sec.	29.5	.92 kg
Orange Acrylic Lacquer	5001700	7 ± 1 sec.	28.6	.92 kg
Amber Acrylic Lacquer	5001800	7 ± 1 sec.	29.9	.95 kg
Yellow Acrylic Lacquer	5001900	7 ± 1 sec.	27.9	.90 kg

\*NOTE: Determination via #20 Parlin Cup at 25°C

The acrylic lacquer series produces colored films of high gloss, excellent transparency and stability, and good chemical resistance.

### CELLULOSE LACQUERS

#### Transparent

<u>Product Designation</u>	<u>Order Number</u>	<u>Viscosity*</u>	<u>%Solids</u>	<u>Weight/Liter</u>
Green Transparent Lacquer	5000700	20 ± 1 sec.	11.6	.85 kg

#### Translucent

<u>Product Designation</u>	<u>Order Number</u>	<u>Viscosity*</u>	<u>%Solids</u>	<u>Weight/Liter</u>
Green Translucent Lacquer	5000100	19 ± 1 sec.	23.5	.87 kg
White Translucent Lacquer	5000200	19 ± 1 sec.	23.6	.87 kg
Blue Translucent Lacquer	5000300	19 ± 1 sec.	23.3	.87 kg
Red Translucent Lacquer	5000400	19 ± 1 sec.	23.0	.87 kg
Orange Translucent Lacquer	5000500	19 ± 1 sec.	23.2	.87 kg

\*NOTE: Determined via #20 Parlin Cup at 25°C

The cellulosic lacquer series produces colored coatings of excellent gloss and exterior durability. These products also display good resistance to heat and light fading. They are formulated to produce excellent adhesion to glass.

## AVAILABILITY

These lacquers are available in production quantities with normal lead times of 8 weeks.

## TOXICITY

The toxicological properties of decorative lacquers have not been completely defined. General Electric, therefore, suggests they be handled in such a manner as to avoid ingestion and skin or eye contact. Some components of these materials are FLAMMABLE LIQUIDS and necessary precautions should be taken. Part or all of these materials may also have been reported for inventory under the Toxic Substances Control Act (PL-94-469).

## ORDERING

To order decorative lacquers, contact your local sales representative or:

### Domestic

General Electric Company  
Chemical Products Plant  
1099 Ivanhoe Road  
Cleveland, Ohio 44110  
Phone: (216) 266-4611

### International

General Electric Company  
Lamp Components Division  
International Sales  
21800 Tungsten Road  
Cleveland, Ohio 44117 U.S.A.  
Telex: 985569 (GECOLCS EUCD)  
Phone: (216) 266-3295

*General Electric's Lamp Components Division is the source for tungsten, molybdenum, glass, fused quartz, Lucalox® ceramic, phosphors, chemicals, Dumet and Cumet wire, leads, bases and other components used by the lamp, electronic, cemented carbide and other industries. Technical and engineering assistance is available on all products. For information contact:*

General Electric Company  
Lamp Components Sales Operation  
21800 Tungsten Road  
Cleveland, Ohio 44117  
(216) 266-2451  
Telex: 985569