



**UV & IR FLUORESCENT PIGMENTS
FOR
SECURITY & SAFETY**

UVEDA UV and IR Fluorescent Pigments are inorganic pigments manufactured by NEMOTO & CO., LTD. of Tokyo, Japan and distributed by United Mineral & Chemical Corp. Their main application is in safeguarding documents, currency, bonds, stocks, checks, credit cards etc. from forgeries. They are manufactured in a tightly controlled environment and can be used in the ink, coatings, paper and plastics industries. Advantages are:

- Excellent light fastness
- Rub fastness (wet or dry)
- Fastness to most solvents
- Particles sizes suitable for most printing processes
- Not copiable by color copiers or scanners

Security Phosphor Product Lineup

Type	Excitation	Emission
UV-Visible	UV Lamp (254nm, 352nm, 368nm, 370nm etc)	Blue Green ★Yellow ★Red
UV-Visible (Dual Color)	UV Lamp (short UV / long UV)	Green/Blue Green/Red
IR-IR (invisible)	NIR	NIR (Special detector required)
IR-Visible	NIR	Green
★Blue-IR (invisible)	UV or Blue LED	NIR (Special detector required)

★ Newly developed phosphors (Special Detector offered by UMC)

Imported and distributed by:

UNITED MINERAL & CHEMICAL CORPORATION
160 Chubb Avenue, Suite 206, Lyndhurst, NJ 07071
Tel: (201) 507-3300 ■ Fax: (201) 507-1506
www.umccorp.com ■ E-Mail: Inquiry@umccorp.com



The information herein is believed to be reliable and is to assist customers in determining whether our products are suitable for their applications. However, no warranty, express or implied, is made as to its accuracy or completeness and none is made as to fitness of this material for any purpose. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute any other warranty, express or implied, including any warranty of merchantability or fitness, nor of protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy or all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages. We shall not be liable for damages to person or property resulting from its use. Consult the Material Safety Data Sheet for additional information. (9/12/2012)

