

## *Color Shift Pigments*

### **Description**

Sands-Secure® COLOR SHIFT organic and inorganic pigments use optical reflective effects to display distinct color changes depending on the angle viewed. These pigments can be used independently to create paints, inks, coatings, etc., or combined with pigments of other colors to yield an exceptional range of color shift possibilities.

### **Application Suggestions**

Paints, inks, powder coatings, plastics and packaging, Sands-Secure® color shift pigments are characterized by extremely simple dispersion in all media, and yield an exceptional range of color shift possibilities when combined with other colored pigments. The color shift makes it ideal for the creation of a wide range of effect colors by application in a transparent binder. In one-coat applications, the substrate base color can be chosen to modify or mute the impact of the color shift.

### **Product Properties**

<u>Name</u>	<u>Color Pair</u>	<u>HWS#</u>
Azure	Gold-Green to Deep Blue	ADA <b>6912</b>
Cassius	Violet to Green-Blue	ADA <b>3585</b>
Cyprus	Copper to Bronze-Green	ADA <b>3948</b>
Valeri	Turquoise to Silver	ADA <b>5794</b>
Vienna	Green to Orange-Red	ADA <b>7486</b>
Sunflower	Gold to green to Bronze	ADA <b>4292</b>
Rose	Rose to Pink to Gold	ADA <b>1847</b>
Orchid	Purple to Pink	ADA <b>2415</b>

Sands-Secure® color shift pigments can be used where a subtle overt method of authentication and verification is required (e.g. ID cards, packaging, etc.).

**All applications using this product should be thoroughly tested prior to approval for production.**