



Brilliant Fluorescent Water Dispersions

BWD SERIES

Description

Brilliant BWD are water-based dispersions of Brilliant Fluorescent Pigments.

Application

BWD 3300 Series provides a water-based concentrate of 50% Brilliant BSR Series fluorescent pigment. BWD 3350 Series provides a water-based concentrate of 50% brilliant™ BGP Series fluorescent pigment. BWD 3800 Series is a water-based concentrate of 40% Brilliant BNF 5800 series formaldehyde free fluorescent pigment. These dispersions are convenient, easy-to-use, and simply stir-in to water-based systems without the problems of pigment "fly-up" or dust encountered when handling the dry powder form of pigment.

BWD dispersions also contain various modifiers, including surfactants, wetting agents, pigment suspension agents, anti-foam agents, and anti-freeze agents to aid in the stability of water paint systems.

Storage at elevated temperatures or for long term (more than six months) may cause dispersion thixotropy. In this case, stirring of the product will return it to normal viscosity, 65-75 KU at 77°F.

Since fluorescent pigments are organic resinous compositions, they are reactive with certain water-based paint ingredients including casein, soy protein, poly(vinyl alcohol), active monomers, plasticizers and coalescing solvents. This reactivity can result in thickening, agglomeration and loss of fluidity. Polar solvents such as isopropyl alcohol should be avoided.

In the end, formulations should be tested in each user's application for shelf stability.

Color Guide



Storage

When stored in a cool environment, Brilliant fluorescent dispersions have a shelf life of up to 6 months. Beyond this period, it is recommended that the dispersion be mixed prior to use to recover its uniformity. BWD containers should be kept closed when not in use to minimize loss of liquid by evaporation and contamination.

Notice

In accordance with good industrial practice, handle with due care and avoid unnecessary personal contact. Wash thoroughly after handling.

Important

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