

# Pigment Dispersions

## Technical Data Sheet



We create chemistry

# Aurasperse<sup>®</sup> Diarylide Yellow W-1041

These high-quality organic and inorganic colorants can be used for water-based and emulsion systems with pH values ranging from 7 to 11, and can be intermixed.

### Chemical Nature

An aqueous dispersion of Color Index Pigment Yellow 14.



Masstone

1:5

1:20

### Properties

#### Typical Properties

	<i>Pigment</i>	<i>Total</i>
Solids by Weight	39 %	44 %
Solids by Volume	30 %	36 %
Viscosity		50 – 65 KU
pH		8.5 – 10.0
Density at 20 °C		1.15 g/cm <sup>3</sup>
Boiling Point		> 100 °C
Weight per gallon		9.6 lbs/gal
Hegman Grind		6 min.

### Applications

Aurasperse<sup>®</sup> Diarylide Yellow W-1041 is used in the following applications:

- Consumer Paint
- Rubber Latex
- Non-woven fabrics
- Lumber marking
- Cement
- Paper coatings

Aurasperse<sup>®</sup> and Aurasperse<sup>®</sup> II dispersions are controlled for tint strength with a tolerance of +/- 3% versus master standards with strong batch-to-batch color consistency. Aurasperse<sup>®</sup> and Aurasperse<sup>®</sup> II have cost-effective, high performance characteristics.

Aurasperse<sup>®</sup> dispersions are conventional pigment dispersions consisting of water, pigment, surfactants, and preservatives. Aurasperse II dispersions are free of alkylphenol ethoxylates (APEs).

## Safety

### General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

### Safety Data Sheet

All safety information is provided in the Safety Data Sheet Aurasperse® Diarylide Yellow W-1041.

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## Storage

Aurasperse® Diarylide Yellow W-1041 has a shelf life of 1 year from the date of manufacture for material in original, unopened, properly stored containers. Beyond 1 year, we recommend the quality of the material be confirmed prior to use by retesting the certificate of analysis parameters.

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