4515 St. Clair Ave. Cleveland, OH 44103
216-391-1010
www.dayglo.com

Technical Data Sheet

NO VOC Water Based Dispersions (NVC)

General description

DayGlo® NVC colorants are high tint strength color dispersions of quality pigments in water.

These are glycol free aqueous dispersions that use dispersant and surfactant blends to offer a wide range of compatibility for most waterborne systems.

They have a minimum grind of 6.0 on the Hegman Gauge, which make them ideal for tinting semi-gloss and gloss latex enamels.

And with the lowest possible concentration of surfactants, this product line will not affect the physical properties of the finished paints.

Applications

- Tinting fabric
- Paper coatings
- Latex adhesives
- Wax emulsion
- Lumber marking
- Leather coloring
- Artist colors and paints

Product Features

- Fine grind for gloss finishes
- Low surfactant concentration
- Glycol free

Available Colors

Product Code	Color
NVC-100	TiO_2
NVC-200	Red Oxide
NVC-210	Permanent Red
NVC-220	Qinacridone Red
NVC-230	Transparent Red Oxide
NVC-300	Yellow Oxide
NVC-310	Transparent Yellow Oxide
NVC-320	Permanent Yellow
NVC-400	Burnt Umber
NVC-500	Phthalo Green (BS)
NVC-600	Phthalo Blue (RS)
NVC-610	Quinacridone Violet
NVC-700	Black

Packaging:

5 Gallon Pails
55 Gallon Drums
(weight is color dependent)

Storage & shelf life:

12 months when kept in closed original packaging in a dry place at ambient temperature. Ensure product is mixed well before using.

Safety & regulatory:

Safety Data Sheet available on request.

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Physical properties	
Delivery form	Aqueous dispersion
Average particle size	0.25 - 0.45 µm
Specific gravity	1.0 - 1.1

Available Color Physical Properties				
Code	**Color**	**Hegman Grind**	**Viscosity**	**Weight/Gallon (Lbs./Gal)**
NVC-100	TiO_2	6.5+	88 KU	17.8
NVC-200	Red Oxide	6.5+	85 KU	17.3
NVC-210	Permanent Red	7.0	66 KU	9.4
NVC-220	Qinacridone Red	7.0	65 KU	9.5
NVC-230	Transparent Red Oxide	7.0	74 KU	12.2
NVC-300	Yellow Oxide	6.5+	83 KU	15.1
NVC-310	Transparent Yellow Oxide	7.0	75 KU	10.7
NVC-320	Permanent Yellow	7.0	82 KU	9.0
NVC-400	Burnt Umber	6.5+	102 KU	11.5
NVC-500	Phthalo Green (BS)	7.0	60 KU	10.2
NVC-600	Phthalo Blue (RS)	7.0	65 KU	9.8
NVC-610	Quinacridone Violet	7.0	62 KU	9.5
NVC-700	Black	7.0	60 KU	9.6

Processing	
Heat stability	Flash points in excess of 200°F (PMCC)
Compatibility	Recommended use in water, acrylic, vinyl acetate, polyvinyl acetate, ethylene copolymers, and styrene butadiene.
Handling	Good industrial hygiene practices should be observed, and users should avoid prolonged contact with skin and breathing of vapors. NVC products should be used with good ventilation
Dispersions are soluble and are easily mixed-in.	

Lightfastness

The final properties of the finished coatings in which our NVC Colorants are used are dependent on our customers' vehicle system. We recommend that the lightfastness and weathering properties be tested under customers' performance standards.

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