



Danacolors CLASSIC™ Artists' Oil Colors

Premium Quality, Pure Pigment, Professional Grade Artist Oils

SELECTION DATA

DESCRIPTION:

Danacolors CLASSIC Artists' Oil Colors series D200 professional grade, permanent, oil colors are made from pure pigments that are ground to the proper buttery consistency in refined linseed oil. Finest of grind guarantees the artist receives the maximum brilliance and intensity; thus, ensuring the highest in tint strength. For over 50 years, these oil colors have been known for their extremely heavy pigmentation and consistent high quality. **CLASSIC Artists' Oil Colors** are compatible with most linseed oil based oil colors and may be intermixed with *Danacolors* Bulletin Enamels.

SUGGESTED USES:

CLASSIC Artists' Oil Colors may be applied to interior/exterior canvas, wood, metal surfaces, glass, plastic, vinyl and leather as a graphic arts coating. Commonly used by fine, commercial, student and outdoor advertising artists.

ADVANTAGES:

- Very pure in color.
- Very high pigment loading.
- High coverage rate.
- High color fastness.
- Over night dry using D404 Liquid Paint Drier.
- Easy blending.
- Good flexibility over a long period of time.
- Good exterior durability.
- Good weathering resistance.
- Compatible with Danacolors bulletin enamel.
- Easy brushing when used with painting medium.
- Good resistance to salt spray.

DISADVANTAGES:

- Slow dry without the use of driers.

STANDARDS:

CLASSIC Oil Colors conform to ASTM D4236 labelling for chronic health hazards and ASTM D4302 standard for artist oil paint quality. Grind equals or exceeds 6 on the North Standard Gauge.

SPECIAL VOC NOTE:

Under California VOC regulations, (in general) no more than 3 pints of mineral spirits per quart of artists oil color may be added when used as a "graphic arts" coating. See thinning recommendations. The use of more than 20 gallons of paint at one sight may require a use permit from your local air quality control office. Always check your local air quality regulations for compliance before using any solvents.

PHYSICAL PROPERTIES

VOC: [as packaged]

Grams/liter 8 – 37
 Pounds/ gallon 0.07 – 1.6
 [Check your local air quality control regulations for compliance as this coating may not be suitable for your application surface or use in communities with VOC regulations.]

APPEARANCE:

Gloss at 60° varies on pigment oil absorption.
 Class Gloss to low gloss

BASE MATERIALS:

Primary vehicle Alkali refined linseed oil, (Fed. Spec. TT-L-1155) except Artist White which is made from non-yellowing refined safflower oil.
 Solvent type Contains >1 % mineral spirits
 Pigment class Permanence classes AA to C

WEIGHT PER GALLON: 8.5 - 15.9 lbs.
 [pigment dependent]

FLASH POINT: None

VISCOSITY:

All CLASSIC oils are a dense, brushable paste, buttery in consistency that peaks over when knifed.

SOLIDS BY VOLUME: 96.3 – 99.7 %

COVERAGE:

Theoretical coverage at 1 mil DFT is 1600 sq. ft. / gal. Coverage is considerably extended when these oils are reduced with linseed oil or varnish.

DRYING SCHEDULE:

[average at 77° F., 50 % humidity at 1 mil. dry film]

To touch in 1-2 days. Hard cure may be between 7 weeks to 3 years depending on application thickness.

MINIMUM AIR DRY TEMPERATURE: 50° F.

ORDER NUMBER AND COLOR:

For a complete list of colors see the reverse side.

PACKAGING:

Available in tubes, ½ pints, pints and quarts.

D272 and D272.5 are available in gallons.

D272.5 is available in 5 gallon pails.

[In 1996 ½ pints and pints will be discontinued; a 12 oz. cocking tube will be the replacement.]

Continued

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TRIANGLE™





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APPLICATION DATA

SURFACE PREPARATION:

Clean surface thoroughly of foreign contaminants. When natural canvas is stretched, size surface with "rabbit skin glue". Some brands of flexible vinyl canvas may require washing with soap and water before priming with D303 or D305.

RECOMMENDED PRIMERS:

Canvas (linens, cottons or synthetics); allow sizing to dry over night and prime with one coat of *Danacolors* D303 Vinyl Blockout and Primer (Acrylic Gesso). **Wood**, new and painted or "MEDEX" panels should be primed with D506 White Primer. **Vinyl**, new flex or computer printed and "MDO" board prime with one coat of D303 MultiBlock.

Concrete, apply one coat of Triangle #144-73 Aquapoxy, Two Component Epoxy Latex Primer. New concrete surfaces must be aged at least four weeks. On old efflorescence or new glazed concrete, acid etch with muriatic acid solution and rinse with water and allow to dry fully before applying the Aquapoxy.

TINTING OR SHADING:

All **CLASSIC Oils Colors** may be intermixed or mixed with *Danacolors* Bulletin Enamels to produce any intermediate color, shade or tint. Please note that the drying time will slow then linseed oil products are added to bulletin enamels.

THINNING:

Under California VOC (volatile organic compound) regulations, a thinning volume ratio of 1 parts oil color to 1.5 part mineral spirits. Thinning may be accomplished by using D400, Clear Bulletin Varnish (artists' drying varnish), D406 Smith's Cream (thick bodied non-yellowing medium), D299 Oil Gel Medium (odorless), D418 Boiled Linseed Oil, or D417 White Refined Linseed Oil. Numbers D299, D406 and D417 will require the addition of D404, Liquid Paint Drier to promote drying. For more information on these products, ask for their respective data sheets.

DRYING TIME MODIFICATION:

Straight out of the container, with an application of less than $\frac{3}{16}$ inch will surface dry in 3 days. Thicker application will require longer drying time. To decrease drying time add small amounts of D404, Liquid Paint Drier. To increase drying time add small amounts of D217.

APPLICATION METHOD:

This product is generally applied by hand and with a brush. Do not apply when the surface is below 50° F. or above 100° F. If flexible vinyl is to be rolled and stored in a hot environment prior to display, we recommend one coat of D304 ClearFlex to prevent damage caused by the vinyl plasticizer.

CLEANUP SOLVENT: Mineral Spirits.

AVAILABLE COLORS:

D200	CARBON BLACK (warm)	D232	CERULEAN BLUE
D200.5	MARS BLACK (cool)	D234	MEDIUM BLUE
D201	CAD. YELLOW-LT.	D235	PHTHALO BLUE
D202	CAD. YELLOW-MED.	D236	COBALT BLUE
D204	CADMIUM ORANGE	D240	FIRE RED
D209	VIRIDIAN GREEN	D241	BRIGHT RED
D211	VENETIAN RED	D242	CAD. RED-LIGHT
D212	PERMANENT GREEN	D242.5	CAD. RED MEDIUM-LT.
D213	PHTHALO GREEN	D243	CAD. RED MEDIUM
D214	GREEN GOLD	D244	PERMANENT CARMINE
D220	RAW SIENNA	D245	ALIZARIN CRIMSON
D221	BURNT SIENNA	D246	QUINACRIDONE VIOLET
D222	RAW UMBER	D247	ROSE MADDER
D223	BURNT UMBER	D248	PLATINUM VIOLET
D224	YELLOW OCHRE	D249	CADMIUM RED-DARK
D225	HANSA YELLOW	D252	QUINACRIDONE RED
D226	HANSA YELLOW ORANGE	D254	CARBAZOLE VIOLET
D228	CAD. YELLOW ORANGE	D255	NAPHTHOL RED
D230	ULTRAMARINE BLUE	D272	ARTIST TITANIUM WHITE
D231	PRUSSIAN BLUE	D272.5	COMMERCIAL WHITE

SAFETY AND HANDLING

FLASH POINT: [setaflash] None

SHIPPING DESCRIPTION: [CFR 49]

Ground/Air/Vessel: Not regulated

IMDG PACKAGING & STOWAGE: Not regulated

UNIFORM FIRE CODE: [CFR 29] Non combustible

STORAGE TEMPERATURE: 35° F. - 120° F.

SHELF LIFE: [warranted] 1 Year

"HMIS" RATINGS: H - 1; F - 0; R - 0; PP - H

(02/24/99)

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