

## Composition And Permanence | 1

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Alizarin Crimson	T	B	50903955	PR83	2	Linseed Oil
Bismuth Yellow	O	A	II	PY184	4	Safflower Oil
Blue Black	SO	A	I	PB29,PBk9	1	Linseed Oil/Safflower Oil
Bright Red	T	A	II	PR254	1	Linseed Oil
Bronze	SO	A	II	N/A	2	Safflower Oil
Brown Madder	T	A	I	PBr7,PR177	1	Linseed Oil/Safflower Oil
Brown Ochre	ST	AA	I	PBr7	1	Linseed Oil/Safflower Oil
Burnt Sienna	T	AA	I	PR101	1	Linseed Oil/Safflower Oil
Burnt Umber	T	AA	I	PBr7	1	Linseed Oil/Safflower Oil
Cadmium Green Pale	O	A	I	PY35 PG18	4	Linseed Oil/Safflower Oil
Cadmium Lemon	O	A	I	PY35	4	Safflower Oil
Cadmium Orange	O	A	I	PO20 PR108	4	Linseed Oil/Safflower Oil
Cadmium Red	O	A	I	PR108	4	Linseed Oil/Safflower Oil
Cadmium Red Deep	O	A	I	PR108	4	Linseed Oil/Safflower Oil
Cadmium Scarlet	O	A	I	PR108	4	Linseed Oil/Safflower Oil
Cadmium Yellow	O	A	I	PY35	4	Safflower Oil
Cadmium Yellow Deep	O	A	I	PO20 PY35	4	Safflower Oil

## Composition And Permanence | 2

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Cadmium Yellow Pale	O	A	I	PY35	4	Safflower Oil
Cadmium-Free Green Pale	O	A	N/A	N/A	4	Safflower Oil
Cadmium-Free Lemon	O	A	N/A	N/A	4	Safflower Oil
Cadmium-Free Orange	O	A	N/A	N/A	4	Linseed Oil
Cadmium-Free Red	O	A	N/A	N/A	4	Linseed Oil
Cadmium-Free Red Deep	O	A	N/A	N/A	4	Linseed Oil
Cadmium-Free Scarlet	O	A	N/A	N/A	4	Linseed Oil
Cadmium-Free Yellow	O	A	N/A	N/A	4	Safflower Oil
Cadmium-Free Yellow Deep	O	A	N/A	N/A	4	Safflower Oil
Cadmium-Free Yellow Pale	O	A	N/A	N/A	4	Safflower Oil
Cerulean Blue	SO	AA	I	PB35	4	Safflower Oil
Charcoal Grey	ST	AA	I	PBk8	1	Linseed Oil/Safflower Oil
Chrome Green Deep Hue	O	A	I	PB15,PG7,PY42	1	Linseed Oil
Chrome Yellow Hue	SO	A	I	PO62,PY74	1	Linseed Oil
Cobalt Blue	ST	AA	I	PB28	4	Linseed Oil/Safflower Oil
Cobalt Blue Deep	ST	AA	II	PB74	5	Linseed Oil/Safflower Oil
Cobalt Chromite Green	O	AA	I	PG26	4	Linseed Oil/Safflower Oil
Cobalt Green	SO	AA	I	PG26,PG50	5	Safflower Oil
Cobalt Turquoise	O	AA	I	PB36	5	Safflower Oil

## Composition And Permanence | 3

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Cobalt Turquoise Light	O	AA	I	PG50	4	Safflower Oil
Cobalt Violet	ST	AA	I	PV14	5	Safflower Oil
Copper	SO	A	II	N/A	2	Safflower Oil
Davy's Gray	ST	AA	I	PBk19,PBk7,PY42	2	Linseed Oil/Safflower Oil
Flake White Hue	O	AA	I	PW4,PW6	1	Safflower Oil
French Ultramarine	T	A	I	PB29	2	Linseed Oil/Safflower Oil
Gold	SO	A	II	N/A	2	Safflower Oil
Gold Ochre	O	AA	I	PY42	1	Linseed Oil
Green Gold	T	A	I	PY129	2	Linseed Oil/Safflower Oil
Indanthrene Blue	T	A	I	PB60	4	Linseed Oil
Indian Red	O	AA	I	PR101	2	Linseed Oil
Indian Yellow	T	A	I	PR101,PY139	2	Linseed Oil/Safflower Oil
Indian Yellow Deep	T	A	I	PY150	2	Linseed Oil/Safflower Oil
Indigo	T	A	I	PB15,PB29,PBk7	2	Linseed Oil
Iridescent White	SO	A	II	N/A	1	Safflower Oil
Ivory Black	SO	AA	I	PBk9	1	Linseed Oil
Jaune Brillant	O	A	I	PR188,PW6,PY138,PY42	1	Safflower Oil
Lamp Black	O	AA	I	PBk6	1	Linseed Oil
Lemon Yellow Hue	O	AA	I	PY53	4	Safflower Oil
Light Red	O	AA	I	PR101	1	Linseed Oil/Safflower Oil

## Composition And Permanence | 4

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Magenta	T	A	I	PR122,PV23	2	Linseed Oil/Safflower Oil
Manganese Blue Hue	T	A	I	PB15,PG7	1	Safflower Oil
Mars Black	O	AA	I	PBk11	2	Linseed Oil/Safflower Oil
Mars Violet Deep	O	AA	I	PR101	2	Linseed Oil
Mauve (Blue Shade)	T	A	I	PB15,PV19,PV23	1	Linseed Oil/Safflower Oil
Mineral Green Deep	O	A	I	PG26	3	Linseed Oil/Safflower Oil
Naples Yellow	O	AA	I	PBr24,PW5,PY42	1	Safflower Oil
Naples Yellow Deep	O	AA	I	PBr24	2	Safflower Oil
Naples Yellow Light	O	A	I	PO62,PW6,PY138	1	Safflower Oil
Olive Green	T	A	I	PBk6,PY110	2	Linseed Oil/Safflower Oil
Orange Laque Mineral	O	A	I	PO67	2	Linseed Oil/Safflower Oil
Oriental Blue	T	A	I	PB15:6	2	Linseed Oil/Safflower Oil
Oxide of Chromium	O	AA	I	PG17	4	Linseed Oil/Safflower Oil
Pale Rose Blush	O	A	I	PV19,PW4,PY42	2	Linseed Oil/Safflower Oil
Payne's Gray	ST	AA	I	PB29,PBk19,PBk6,PR101	1	Linseed Oil
Permanent Alizarin Crimson	T	A	I	PR177	4	Linseed Oil
Permanent Carmine	T	A	I	PV19	2	Linseed Oil

## Composition And Permanence | 5

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Permanent Green	ST	A	II	PG7,PW6,PY138	2	Linseed Oil/Safflower Oil
Permanent Green Deep	ST	A	I	PG7,PW6,PY138	2	Linseed Oil/Safflower Oil
Permanent Green Light	ST	A	I	PG7,PW6,PY74	2	Linseed Oil/Safflower Oil
Permanent Magenta	T	A	I	PV19	2	Linseed Oil/Safflower Oil
Permanent Mauve	ST	AA	I	PV16	4	Linseed Oil
Permanent Rose	T	A	I	PV19	2	Linseed Oil/Safflower Oil
Perylene Black	ST	A	I	PBk31	1	Linseed Oil/Safflower Oil
Pewter	SO	A	II	N/A	2	Safflower Oil
Phthalo Turquoise	T	A	I	PB15,PG7	1	Linseed Oil
Prussian Blue	T	A	I	PB27	1	Linseed Oil
Prussian Green	T	A	I	PB15,PY110	2	Linseed Oil/Safflower Oil
Purple Lake	T	A	II	PBr25 PV23	1	Linseed Oil
Purple Madder	T	A	II	PBr25,PV19	2	Linseed Oil
Quinacridone Magenta	T	A	I	PR122	2	Safflower Oil
Quinacridone Red	T	A	II	PR209	4	Safflower Oil
Raw Sienna	ST	AA	I	PY42,PY43	1	Linseed Oil/Safflower Oil
Raw Umber	ST	AA	I	PBr7	1	Linseed Oil/Safflower Oil
Raw Umber (Green Shade)	ST	AA	I	PBr7	1	Linseed Oil/Safflower Oil

## Composition And Permanence | 6

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Raw Umber Light	ST	AA	I	PBr7	1	Linseed Oil/Safflower Oil
Renaissance Gold	SO	A	II	N/A	2	Safflower Oil
Rose Dore	T	A	II	NR9	5	Safflower Oil
Rose Madder Genuine	T	A	II	NR9	5	Safflower Oil
Ruby Madder Alizarin	T	A	I	PR187	3	Linseed Oil/Safflower Oil
Sap Green	T	A	I	PB15,PY110	2	Linseed Oil/Safflower Oil
Scarlet Lake	SO	A	I	PR255	2	Linseed Oil/Safflower Oil
Silver	SO	A	N/A	P Met 1	2	Safflower Oil
Smalt (Dumont's Blue)	T	A	I	PV15	2	Linseed Oil/Safflower Oil
Terra Rosa	O	AA	I	PR101	1	Linseed Oil
Terre Verte	T	AA	I	PG23 PG18	1	Linseed Oil
Titanium White	O	AA	I	PW4,PW6	1	Safflower Oil
Transparent Brown Oxide	T	AA	I	PR101	1	Linseed Oil/Safflower Oil
Transparent Gold Ochre	ST	AA	I	PY42,PY43	2	Linseed Oil
Transparent Maroon	T	A	II	PBr25	2	Linseed Oil/Safflower Oil
Transparent Orange	T	A	I	DPP	4	Linseed Oil/Safflower Oil
Transparent Red Ochre	ST	AA	I	PR102	1	Linseed Oil
Transparent Yellow	T	A	I	PY128	4	Linseed Oil/Safflower Oil

## Composition And Permanence | 7

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Ultramarine (Green Shade)	T	A	I	PB29	1	Safflower Oil
Ultramarine Pink	T	A	I	PR259	3	Linseed Oil/Safflower Oil
Ultramarine Violet	T	A	I	PV15	2	Linseed Oil/Safflower Oil
Underpainting White (Fast Drying)	O	AA	I	PW4,PW6	1	Linseed Oil
Vandyke Brown	T	AA	II	PBk9,PBr7,PR101	1	Linseed Oil
Venetian Red	O	AA	I	PR101	1	Linseed Oil/Safflower Oil
Viridian	T	AA	II	PG18	4	Linseed Oil
Warm Brown Pink	O	A	I	PY164	2	Linseed Oil/Safflower Oil
Winsor Blue (Green Shade)	T	A	I	PB15	2	Linseed Oil/Safflower Oil
Winsor Blue (Red Shade)	T	A	I	PB15	2	Linseed Oil/Safflower Oil
Winsor Emerald	O	A	I	PG36,PW5	2	Linseed Oil/Safflower Oil
Winsor Green (Phthalo)	T	A	I	PG7	2	Linseed Oil/Safflower Oil
Winsor Green (Yellow shade)	T	A	I	PG36	2	Linseed Oil/Safflower Oil
Winsor Lemon	ST	A	II	PY3	2	Safflower Oil
Winsor Orange	SO	A	II	PO73	2	Linseed Oil/Safflower Oil
Winsor Red	SO	A	II	PR254,PR255	2	Linseed Oil
Winsor Red Deep	ST	A	I	PR149	2	Linseed Oil

## Composition And Permanence | 8

Colour Name	OPACITY	PERMANENCE	LIGHTFASTNESS CODE	PIGMENT CODES	SERIES	VEHICLE OIL
Winsor Violet (Dioxazine)	T	A	I	PV23	2	Safflower Oil
Winsor Yellow	ST	A	I	PY74	2	Linseed Oil
Winsor Yellow Deep	ST	A	I	PY65	2	Linseed Oil/Safflower Oil
Yellow Ochre	ST	AA	I	PY43	1	Linseed Oil/Safflower Oil
Yellow Ochre Light	ST	AA	I	PY43	1	Linseed Oil/Safflower Oil
Yellow Ochre Pale	O	AA	I	PY42	1	Linseed Oil/Safflower Oil
Zinc White	O	AA	I	PW4	1	Safflower Oil