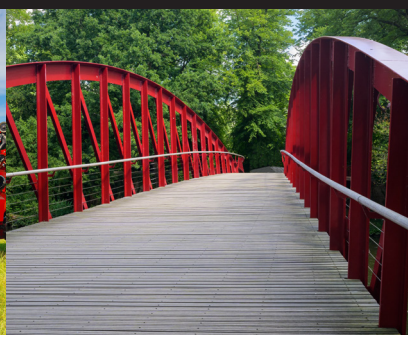
Quaker Color

SRF Series



Universal, solvent-based, resin-free pigment dispersions exhibiting a wide range of compatibility. Can be used in systems containing short and long oil alkyds, alkyd modified urethanes, acrylics, CAB, 2K epoxy, 2K urethanes, styrenated alkyds, polyesters, nitrocellulose, and vinyl lacquers.

- **Resin-free solventborne**
- **Unique technology for universal solventborne industrial coatings**
- **Less impact on coating properties of 2K systems**

Technology

QUAKER COLOR™ SRF is a unique line of pigment dispersions for use in solventborne industrial coatings. Other than most universal solventborne pigment dispersions, which use an inert resin, the SRF Series is resin-free, resulting in better coating properties like hardness, chemical resistance, and durability.

Pigmentation

The pigments used in the SRF Series were specifically selected to provide excellent light and weather fastness for the most demanding exterior applications. Due to their high concentration, they provide excellent hiding in masstone applications and only require small quantities of colorant.

Volatiles

The QUAKER COLOR™ SRF Series dispersions are based on PM acetate and n-butyl acetate.

Applications

QUAKER COLOR™ SRF can be used in solventborne industrial coatings. It should be used where traditional acrylic or aldehyde resin-based systems have too big an impact on coating properties.

Compatibility

SRF Series dispersions can be used in systems containing short and long oil alkyds, alkyd modified urethanes, acrylics, CAB, 2K epoxy, 2K urethanes, styrenated alkyds, polyesters, nitrocellulose, and vinyl lacquers.

Use

SRF Series colorants are stir-in grades. They should be added under mild agitation. They should be stored at room temperature.

Quaker Color is happy to develop custom colors or resin systems. Please contact your local representative concerning minimum quantities and turn-around times.

Quaker Color

QUAKER COLOR™ SRF Series

Resin-Free ■ Solventborne ■ Universal

Code	Description	P.I. Number	Light Fastness					Chemical Fastness									Composition by Weight [%]			VOC
			WPG [LB./Gal.]	Density [g/ml]	Masstone	Tint	Temperature Resistance [°C]	Acid	Alkaline	Butanol	Butyl Glycol	Butyl Acetate	MEK	Mineral Spirits	Xylene	Pigment Solids	Vehicle Solids	Volatiles	[g/l]
SRF-BKEF-1082	Renewable Black	-	9.76	1.17	8	8	200	5	5	5	5	5	5	5	5	50.0	5.0	45.0	526
SRF-B154-5106	Phthalo Blue (GS)	PB 15:4	8.5	1.02	8	7-8	200	5	5	4-5	4-5	4-5	4-5	5	5	22.0	15.0	63.0	642
SRF-BK7-200HN	Jet Black	PBk 7	8.4	1.01	8	8	200	5	5	5	5	5	5	5	5	15.0	19.0	66.0	604
SRF-BK-H20N	Jet Black	PBk 7	8.3	0.99	8	8	200	5	5	5	5	5	5	5	5	15.0	15.0	70.0	697
SRF-BK-L9N	Tinting Black	PBk 7	9.39	1.13	8	8	200	5	5	5	5	5	5	5	5	35.0	15.0	50.0	563
SRF-G7-5107	Phthalo Green	PG 7	8.83	1.06	8	7-8	200	5	5	5	4	5	5	5	5	23.0	15.0	62.0	656
SRF-O34-5109	Diarylide Orange	PO 34	8.22	0.98	6-7	5-6	200	5	5	5	4-5	4	3-4	4-5	3	20.0	15.0	65.0	640
SRF-R101T-1341	Transparent Red Oxide	PR 101	10.6	1.27	8	7-8	200	5	5	5	5	5	5	5	5	35.0	15.0	50.0	635
SRF-R122-5105	Quinacridone Magenta	PR 122	8.34	1.00	8	7-8	200	5	5	4-5	4-5	4-5	4-5	5	5	20.0	20.0	60.0	600
SRF-R254-5104	DPP Red	PR 254	9.09	1.09	8	7-8	200	5	5	4-5	4-5	5	4-5	5	5	35.0	15.0	50.0	545
SRF-V19-5111	Quinacridone Violet (BS)	PV 19	9.03	1.08	7-8	7	200	5	5	4-5	4	5	5	5	5	35.0	15.0	50.0	541
SRF-W-E68	Titanium Dioxide White	PW 6	17.73	2.12	8	8	200	5	5	5	5	5	5	5	5	73.0	3.0	24.0	510
SRF-Y151-5103	Benzimidazolone Yellow	PY 151	8.86	1.06	7-8	7	200	5	3-4	4-5	4	4-5	4-5	5	4-5	32.0	15.0	53.0	563
SRF-Y42T-1342	Transparent Yellow Oxide	PY 42	10.6	1.27	7-8	7-8	180	5	5	5	5	5	5	5	5	35.0	15.0	50.0	635
SRF-Y83-5108	Diarylide Yellow	PY 83	7.78	0.93	7	5-6	180	4-5	5	4-5	4-5	4-5	3-4	5	3-4	13.0	15.0	72.0	671

SRF-BKEF-1082
Renwable Black

SRF-B154-5106
Phthalo Blue (GS)

SRF-BK7-200HN
Jet Black

SRF-BK-H20N
Jet Black

SRF-BK-L9N
Tinting Black

SRF-G7-5107
Phthalo
Green (BS)

SRF-O34-5109
Diarylide Orange

SRF-R101T-1341
Transparent Red
Oxide

SRF-V19-5111
Quinacridone
Magenta

SRF-R254-5104
DPP Red

SRF-V19-5111
Quinacridone
Violet (BS)

SRF-W-E68
Titanium Dioxide
White

SRF-Y151-5103
Benzimidazolone
Yellow

SRF-Y42T-1342
Transparent
Yellow Oxide

SRF-Y83-5108
Diarylide Yellow

Lightfastness is on a scale from 1-8 with 1 being worst and 8 being best
Chemical fastness is on a scale from 1-5 with 1 worst and 5 best

* VOC is based on calculations. Traces of VOC might be present in “Zero”- VOC dispersions

Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user’s responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. sShould you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.

Quaker Color

For more information on our products and services please contact
inquiries@quakercolor.com
or Sales and Customer Service: (215) 536-3520

Web Site:
quakercolor.com