



SILCOTEC

Liquid Silicone Pigments

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Liquid Silicone Pigments

SCT's liquid silicone pigments can be used in a many applications given the variety of liquid carriers, viscosities and color shades available. Aided by a computerized color database and an extensive pigment portfolio, we are capable of matching virtually any Pantone®, federal and RAL standard in addition to customer provided samples.

General Description

- Excellent pigment dispersion
- Color-fast, light-fast pigments
- Heat stable
- Excellent weatherability
- Shelf life: 12 months (exceptions apply)
- Standard, Pantone®, RAL, custom colors
- Specialty pigments: metallic, UV/night glow, neon
- Viscosity range: 10 - 100,000 cst
- Silicone fluids: vinyl (various), OH, other

Applications

- LSR Colorants
- Pigments for construction applications (compliant)
- Printing inks
- Textile coatings
- Other

Advantages

- Quality: a series of quality checkpoints during the manufacturing process ensures excellent dispersion. This eliminates streaks, pigment separation, and specks.
- Feed stream elimination: we are able to compound our liquid silicone pigments with other additives and modifiers into either part of a LSR or RTV system allowing product homogeneity and significant cost reductions.
- Screening: when needed, we screen our liquid silicone pigments to eliminate clumps and ensure product consistency.

Regulatory

- Liquid silicone pigments compliant with FDA, REACH, RoHS and Cytotoxicity regulations are available. In addition, we provide liquid pigments free of heavy metals like Lead, Cadmium, and Mercury among others.

Process Requirements

It is strongly recommended to perform a visual check on the material before using. Although not very common, pigment separation might occur in low viscosity pigments. In this case, stirring the pigment eliminates any homogeneity issues.

Preform and Packaging

- Pails, drums
- Other preforms/packaging options available upon request