



RAW MATERIAL SUPPLIERS

silicone, urethane, mold release, adhesives...

www.rawmaterialsuppliers.com

Silicone Ink

Technical Data Sheet

Product Description

Raw Material Suppliers Silicone Inks are designed for pad printing or screen printing. They can be thinned and sprayed as well as dipped. Silicone Ink is for printing primarily on silicone parts.

Colors and Features	Applications include
Translucent	Silicone wrist bands
White	Silicone watch bands
Black	Silicone tubing
Blue	Silicone keypads
Yellow	Silicone swim caps
Green	Silicone electronic covers
Silver	Silk screen
Gold	Pad print
Excellent durability	Spraying
Great vibrant colors	Textile ink



RAW MATERIAL SUPPLIERS

silicone, urethane, mold release, adhesives...

www.rawmaterialsuppliers.com

Colors and Features	Applications include
Good washability	Silicone control panel buttons
Flexible	

MIXING AND DE-AERATION

Raw Material Suppliers Silicone Ink is supplied with a matched quantity of Raw Material Suppliers Silicone Ink Drier (catalyst). The required mix ratio is ten parts by weight of ink to one part by weight of drier. Because pigments can settle during storage is suggested that the Raw Material Suppliers Silicone Ink be stirred before use. Add the drier into the ink to assure complete dispersion. Mixing may be done by hand with a spatula or by machine. When machine mixing avoid prolonged high speeds. Avoid stirring in an excessive amount of air.

WORKING TIME

After mixing, the ink will remain useful for approximately 24-hrs at room temperature. Placing the material in a closed container in a cool (below 50°F) environment will extend the mixed pot life. The separate components may be stored in closed containers up to one year at room temperature (72°F).

THINNING

If the mixed viscosity is too thick for a specific application, Raw Material Suppliers Ink Diluent is available to custom design the viscosity for a specific application. Raw Material Suppliers Ink Diluent is environmentally friendly. It has zero VOC and will not adversely effect the adhesion of the system.

DRYING

Raw Material Suppliers Silicone Ink can be dried at 204°C (400°F) for 2 - 6 minutes with standard ink drier.

Caution: Contact with some materials will inhibit the drying of Raw Material Suppliers Silicone Ink These include: silicone RTV containing organo-tin catalysts,



RAW MATERIAL SUPPLIERS

silicone, urethane, mold release, adhesives...

www.rawmaterialsuppliers.com

sulfur- containing compounds, amines, some urethanes, and organic acids. A small-scale compatibility test is always recommended.

Raw Material Suppliers Silicone Ink can be removed from surfaces before drying by wiping with high-flash mineral spirits.

Silicone Ink is platinum cure and uses heat to solidify and create adhesion