

## TECHSIL® SILICONE PIGMENTS

All of our silicone pigments are based on finely ground concentrates suspended in a silicone fluid. They are all supplied as a soft semi paste form which actually reduces the time required to gain a harmonious blend.

### Key Properties

- Superb colour density
- Exceptionally easy to mix
- Colour will not leach out
- Compatible with all silicones

### Physical Properties

<b>Specific Gravity</b>	>1.00
<b>Viscosity at 25°C</b>	Liquid Paste
<b>Clarity</b>	Opaque
<b>Mix ratio (by weight)</b>	0.1 – 10%

### Instructions for use

Due to the varying viscosity of the pigments we recommend they are stirred prior to use to avoid separation which may occur during storage.

Single component materials may be blended directly with the pigments, the pot life, cure times and adhesive properties may alter slightly from those specified upon data sheets, this effect is largely relational to the quantity of the pigment used.

When used with two component silicones we suggest that the pigment be added one the correct amount of catalyst has been introduced to the base material, thus ensuring an accurate amount of pigment is used. This process will offer the user a visual indication as to when all three materials are mixed through.

Other physical properties such as elongation and tensile values, for both one and two component materials should generally remain unchanged.

The pigments are truly opaque so very little material is actually required to establish a desired colour. Although we suggest the use of 0.1 – 10% certain applications may require higher percentage of pigment to be used. Where this particular need arises further advice should be sought from the Techsil sales office.

To improve heat resistance in two part RTV's use 6-10 percent Brick Red Pigment.

### Packaging and Storage

All of the pigments detailed below are available from stock in 50gm and 500gm pots, other sizes may be available upon request. The warranted shelf life is 12 months from date of purchase, when stored in original unopened containers below 25°C.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their particular use.

### Contact Details

Techsil Ltd  
Unit 34, Bidavon Industrial Estate, Waterloo Road, Bidford on Avon, Warwickshire, B50 4JN  
Tel: +44(0)1789 773232 Fax: +44(0)1789 774239 Email: sales@techsil.co.uk Web: www.techsil.co.uk