

Techsil® TSP-100 Silicone Paint

Techsil® TSP-100 is a clear, one component solvent-based room temperature curing elastomeric paint, ideal for painting silicone materials. It offers a high elongation, and combined with the high tensile strength allows the product to stretch with the silicone rubber it has been applied onto.

Techsil® TSP-100 is designed to be pigmented using our range of silicone pigments, which are typically added between 1% and 5%.

Key properties

- Excellent adhesion to silicone rubber
- Fast tack free time
- Room temperature cure
- Resists UV, moisture & High temperature
- Ease of use – spray, brush or dip.

Typical cure data

- Tack free time (25°C, 50% RH) 30 mins
- Cure time (25°C, 50% RH) 36hrs minimum
- Solvent Toluene
- Shore A Hardness 24
- Elongation 200%
- Solids content 50%

Typical property data values should not be used as a basis for production specification, for further assistance and detail product specification, please consult Techsil Ltd.

Instructions for use

Ensure all surfaces are clean, dry and free from oil, grease and dust.

Keep container sealed at all times when not in use.

For optimum performance allow complete solvent evaporation at room temperature. Further curing can take place either at room or elevated temperatures, if so desired. This product requires moisture from the atmosphere to completely cure. Blistering will occur if heat is applied before solvent is fully evaporated. TSP100 can be thinned if required using Toluene or MEK and can also be used on many other surfaces other than silicone.

Packaging

Techsil® TSP-100 is available in 500ml cans and 16ml bottles. The 16ml bottles have a fine brush fitted for easy use.

Handling and Safety

Uncured product may irritate eyes, respiratory system and skin, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep out of reach of children.

A full safety data sheet is available on request.

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

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