

**PRODUCT NAME****Silicone Alkyd****HMG PAINTS LTD**

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**Issue date** 01/01/1998  
**Formula number** 7040 series  
**Product code** TOPSIL  
**Printed date** Mon 26/11/01 at 11:49:53

**PACKAGING**

Available in 500ml, 1, 2½, 5 litre tins and 25 &amp; 200 litre drums.

**PRODUCT FUNCTION**

HMG Silicone alkyd is a high quality synthetic enamel based on silicone modified resins, offering outstanding resistance to weathering combined with excellent colour & gloss retention.

HMG Silicon alkyd gives excellent adhesion and high heat stability whilst offering improved life and protection for general maintenance paint systems.

HMG Silicon alkyd is easy to use and can be applied over most conventional alkyd systems, enabling the product to be used to upgrade previously applied decorative and industrial coatings.

**TECHNICAL INFORMATION**

Solids Approximately 45 to 65% dependent on colour  
Flashpoint Above 32°C  
Specific Gravity 0.95 to 1.30 approximately dependent on colour  
Viscosity 3 - 3.5 poise ICI Cone and Plate  
Temp Resistance Up to 200°C for non-continuous heat situations  
Storage 12 months in original sealed containers  
Colour retention Excellent

**APPLICATION AND USAGE DATA**

Touch dry 1 hours  
Firm dry 4 hours  
Hard dry Overnight  
Thinners HMG White Spirit or HMG Thinners 75  
Overcoating overnight minimum  
Eqp. cleaning HMG Gun cleaner  
Film thickness 50 microns WFT gives approximately 25 microns DFT  
Coverage 10 square metres per litre (theoretical)  
VOC 520g/l

**COLOUR RANGE**

BS4800, BS2660, BS381C &amp; RAL shades. Most other shades can be matched by arrangement in a range of sheens.

**SPECIAL PROPERTIES**

- High durability to weathering.
- Good heat resistance.

**PREPARATION**

Suitably primed surfaces must be thoroughly clean, dry, free, oil, grease or other contaminants.

Various HMG Undercoats and anti-corrosive primers are available.

For non-ferrous metals, HMG 2 Pack Etch Primer must be used.

For advice on any particular problem, please consult our Technical Department.

**HOW TO USE**

- Airless       Brush       Electrostatic       HVLP  
 Conventional spray       Dipping       Roller       See application data

**APPLICATION**

Silicone alkyd enamel can be brushed or hot sprayed as supplied.

**Technical Data Sheets are also available on our website at [www.hmgpaint.com](http://www.hmgpaint.com)**

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 PROCESS. Such information is to the best of HMG's knowledge and belief accurate and reliable as of the date indicated. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

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For conventional air assisted spray use 10 -20% HMG Thinners 75.

**HEALTH AND SAFETY**

- Refer to health and safety data sheet and tin label prior to use.
- Wear suitable respiratory equipment when spraying.

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