

PRODUCT NAME**AR141 Matt Black**

Issue date 07/07/2008
Formula number AR141
Product code TOPAR141BLK
Printed date Thu 20/03/08 at 12:26:48

PACKAGING

Available in standard pack sizes

PRODUCT FUNCTION

AR 141 is an air drying silicone based paint specifically formulated to enable the dried film to tolerate high temperatures up to 300 °C. The full physical properties are achieved after baking at temperatures above 220 °C (at this temperature the free silicones in the system auto cross link)

At intermittent temperatures of up to 300 °C there is virtually no decomposition of the silicone binder. Above 300 °C the silicone is gradually driven off.

NB. An outstanding feature of AR141 is that gassing and smoking are significantly reduced when it first attains high temperature. This is of particular advantage in the automotive field, and when AR141 is used in confined spaces.

Although this product will withstand temperatures of up to 300C, it will eventually degrade at a constant temperature above 250C.

TECHNICAL INFORMATION

Solids Approximately 30%
Flashpoint Between 22 to 32°C
Specific Gravity 0.97 approximately
Viscosity 30 seconds B4 Ford Cup
Temp Resistance 300°C
Storage 12 months in original sealed containers

APPLICATION AND USAGE DATA

Touch dry 10 minutes
Firm dry 30 minutes
Hard dry 60 minutes
Thinners THINNER 2621
Overcoating 15 minutes minimum, then at any stage of cure.
Eqp. cleaning GUNCLEANER 401
Film thickness 70 microns WFT gives approximately 15 microns DFT
Coverage 15 square metres per litre (theoretical)
VOC 495g/l approximately

COLOUR RANGE

Matt Black only.

SPECIAL PROPERTIES

• A particular feature of this product is its excellent resistance to "thermal shock", combined with excellent petrol / oil resistance.

PREPARATION

Any surface that is to be coated with high temperature systems must be thoroughly degreased and be free of millscale, corrosion patches, any of which will seriously impair the performance of the final film. Do not use primers.

HOW TO USE

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

APPLICATION

High temperature systems may be brushed or sprayed, though a superior result will be obtained by spraying. To attain the highest possible resistance to the rigors of high temperature work, use 2 thin coats in preference to 1 thick coat.

Technical Data Sheets are also available on our website at www.hmgpaint.com

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HEALTH AND SAFETY

- Refer to Health and Safety Data sheet and tin label prior to use.
- The product contains xylene and is harmful by inhalation and skin contact.
- Respiratory protection should be worn when spraying it.

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