

PRODUCT NAME	AR141 Matt Black
ISSUE DATE	22/9/2005
PRODUCT CODE	TOPAR141BLK



PRODUCT DESCRIPTION

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 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 use in confined spaces.



SPECIAL PROPERTIES

- Ease of use
- Quick drying



MAXIMUM VOC CONTENT (RFU)

0.5kgs/ltr

REGULATIONS / COMPLIANCE

- Not Applicable



COLOUR RANGE

Matt Black only.



TECHNICAL INFORMATION

COVERAGE	15 square metres per litre
FLASHPOINT	25°C
TEMP RESISTANCE	300°C
STORAGE	12 months in original sealed containers



CLEANING

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.












HEALTH AND SAFETY

Refer to MSDS and tin label prior to use.

Contaminated Rags, Spray Booth Filters or other substrates should be segregated from other chemical waste, soaked with Water and disposed of in a non-combustible container with a tight fitting Lid.

APPLICATION METHODS

	GRAVITY GUN	HVLP	BRUSH
	MIXING RATIO		
	Base 1 Thinner <10% if needed	Base 1 Thinner <10% if needed	Base RFU
	THINNER OPTIONS		
	Thinner 2621	Thinner 2621	
	VISCOSITY		
	30 seconds B4 cup	30 seconds B4 cup	30 seconds B4 cup
	NUMBER OF COATS (GUIDE ONLY)		
	2 thin coats	2 thin coats	2 thin coats
	FLASH OFF		
	10 mins	10 mins	10 mins
	DRYING TIME		
	Touch dry 10 mins Hard dry 30 mins Full dry 1 hr	Touch dry 10 mins Hard dry 30 mins Full dry 1 hr	Touch dry 10 mins Hard dry 30 mins Full dry 1 hr
	RECOATABILITY / OVERCOATING		
	15 mins minimum	15 mins minimum	15 mins minimum
	WET FILM THICKNESS		
	70 microns	70 microns	70 microns
	DRY FILM THICKNESS		
	15 microns	15 microns	15 microns

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