



SAFETY DATA SHEETS: RACETECH PAINT KITS



TECHNICAL DATA SHEET

1. <u>IDENTIFICATION</u>	SC630	<u>PREVIOUSLY KNOWN AS :</u>	SC 610
2. <u>INITIAL COLOUR</u>	Red	<u>PAINT TYPE :</u>	SINGLE CHANGE PAINT
3. <u>A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINS HEATING @</u>			630C
4. <u>ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE</u>			425C

5. TECHNICAL DETAILS

Vehicle Type :	Acrylic
Coverage :	6.0 Square Metres Per Litre
Solvent / Thinners :	2-Methoxy-1-Methylethylacetate (PMA)
Average Drying Time :	1st Coat touch dry in 15 -50 minutes. Allow a min. of 20 minutes before test.
Weathering :	This paint has good weathering resistance and may be used in arduous environments.
Flash Point (Pensky-Martin Closed Cup) :	30
% Solids by Weight :	53%
% Liquid by Weight :	47%

6. APPLICATION DETAILS

Apply to a blast cleaned and de-greased surface, no primer is necessary. Apply one coat, allowing to touch dry to 15-30 minutes.
 Best thermal mapping is achieved by an even coat of paint. The preferred application method is spraying. The paint may be thinned to spraying viscosity by the further addition of thinners.
 Removal of the paint can be achieved by using solvents or an abrasive disc.

7. COLOUR CHANGE SEQUENCE

<u>INITIAL COLOUR :</u>	<u>Red</u>
Colour Change No. 1	Colour Change To : <u>White</u>

PAINT CALIBRATION DETAILS

SC630	Change No. 1	White
1.5 Minutes	725 Deg C.	
3 Minutes	670 Deg C.	
5 Minutes	640 Deg C.	
10 Minutes	630 Deg C.	
20 Minutes	610 Deg C.	
60 Minutes	600 Deg C.	
120 Minutes	582 Deg C.	
180 Minutes	570 Deg C.	
300 Minutes	556 Deg C.	
1500 Minutes	520 Deg C.	
3600 Minutes	500 Deg C.	



TECHNICAL DATA SHEET

1. <u>IDENTIFICATION</u>	SC550	<u>PREVIOUSLY KNOWN AS :</u>	SC 560
2. <u>INITIAL COLOUR</u>	Orange	<u>PAINT TYPE :</u>	SINGLE CHANGE PAINT
3. <u>A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINS HEATING @</u>			550C
4. <u>ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE</u>			475C

5. TECHNICAL DETAILS

Vehicle Type :	Acrylic
Coverage :	6.0 Square Metres Per Litre
Solvent / Thinners :	2-Methoxy-1-Methylethylacetate (PMA)
Average Drying Time :	1st Coat touch dry in 15 -50 minutes. Allow a min. of 20 minutes before test.
Weathering :	This paint has good weathering resistance and may be used in arduous environments.
Flash Point (Pensky-Martin Closed Cup) :	35
% Solids by Weight :	73%
% Liquid by Weight :	27%

6. APPLICATION DETAILS

Apply to a blast cleaned and de-greased surface, no primer is necessary. Apply one coat, allowing to touch dry to 15-30 minutes.
 Best thermal mapping is achieved by an even coat of paint. The preferred application method is spraying.
 Application methods other than spraying may have a detrimental effect with this paint.
 The paint may be thinned to spraying viscosity by the further addition of thinners.

Removal of the paint can be achieved by using solvents or an abrasive disc.

7. COLOUR CHANGE SEQUENCE

<u>INITIAL COLOUR :</u>	<u>Orange</u>
Colour Change No. 1	Colour Change To : Yellow

PAINT CALIBRATION DETAILS

SC550	Change No. 1	Yellow
1 Minutes	591 Deg C.	
5 Minutes	571 Deg C.	
10 Minutes	550 Deg C.	
30 Minutes	540 Deg C.	
60 Minutes	526 Deg C.	
300 Minutes	521 Deg C.	
600 Minutes	516 Deg C.	
1200 Minutes	509 Deg C.	
1800 Minutes	506 Deg C.	



TECHNICAL DATA SHEET

1. <u>IDENTIFICATION</u>	SC458	<u>PREVIOUSLY KNOWN AS :</u>	SC 430
2. <u>INITIAL COLOUR</u>	Green	<u>PAINT TYPE :</u>	SINGLE CHANGE PAINT
3. <u>A COLOUR CHANGE CAN BE DETERMINED AFTER 10 MINS HEATING @</u>			458C
4. <u>ESTIMATED HIGHEST TEMPERATURE THE PAINT CAN BE SUBJECTED TO WITHOUT A COLOUR CHANGE</u>			180C

5. TECHNICAL DETAILS

Vehicle Type : Acrylic
Coverage : 6.0 Square Metres Per Litre
Solvent / Thinners : 2-Methoxy-1-Methylethylacetate (PMA)
Average Drying Time : 1st Coat touch dry in 15 -50 minutes. Allow a min. of 20 minutes before test.

Weathering : This paint has good weathering resistance and may be used in arduous environments.

Flash Point (Pensky-Martin Closed Cup) : 33
% Solids by Weight : 39%
% Liquid by Weight : 61%

6. APPLICATION DETAILS

Apply to a blast cleaned and de-greased surface, no primer is necessary. Apply one coat, allowing to touch dry to 15-30 minutes.
Best thermal mapping is achieved by an even coat of paint. The preferred application method is spraying. The paint may be thinned to spraying viscosity by the further addition of thinners.

Removal of the paint can be achieved by using solvents or an abrasive disc.

7. COLOUR CHANGE SEQUENCE

INITIAL COLOUR : Green
Colour Change No. 1 Colour Change To : White

PAINT CALIBRATION DETAILS

SC458	Change No. 1	White
1 Minutes	549 Deg C.	
2 Minutes	513 Deg C.	
5 Minutes	478 Deg C.	
10 Minutes	458 Deg C.	
20 Minutes	440 Deg C.	
30 Minutes	429 Deg C.	
60 Minutes	411 Deg C.	
120 Minutes	394 Deg C.	
180 Minutes	385 Deg C.	
240 Minutes	378 Deg C.	
300 Minutes	373 Deg C.	
600 Minutes	343 Deg C.	
1200 Minutes	329 Deg C.	
10320 Minutes	300 Deg C.	