

Sinclair & Rush Ltd 11-13 Spectrum West, 20/20 Business Estate, St Laurence Avenue, Maidstone. ME16 0LL 01634 686 504

## **Technical Data Sheet & MSDS Information**

FO Code	F017024051EV
Product Description	24051 85°A PLASTISOL
Sinclair & Rush Ltd Reference	(853-590 HT BLACK)

## Specification

Parameter	LSL	USL	Units
Immediate Viscosity - Viscometer 20°C 2.5 rpm	1000	3500	CPS
Immediate Hardness - Baries °A Tester	78	83	°A
Colour Test – Visual To STD	Fail	Pass	n/a
Hot Dip - Oven 200°C 15 sec dwell 5-minute cure	Fail	Pass	n/a
Heat Stability - Oven 200°C 10 grams 10 minutes	Fail	Pass	n/a

## **Plastisol Properties and Storage**

Property	Value	Unit			
Tensile Strength	6	MPa *			
100% Modulus	1.8	MPa *			
Elongation at Break	350	%*			
Appearance	Glossy				
* Based on theoretical data					
Maximum Working temperature – Cured	150	°C			
Shelf Life	3 months				
Curing Temperature	175-200	°C			
Cure Time (approximately)	5	Mins			
Loss on Heating	<2	%			
REACH Complaint	Yes				
ROHS2 Compliant	Yes				
California Proposition 65 Compliant	No				

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained thereof. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variation in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the application disclosed. Full-scale testing and end product performance are the responsibility of the user. Sinclair and Rush Limited shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Sinclair and Rush Limited's direct control. Sinclair and Rush Limited MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendations, nor as an inducement to practice any patented invention without permission of the patent owner.





Sinclair & Rush Ltd 11-13 Spectrum West, 20/20 Business Estate, St Laurence Avenue, Maidstone. ME16 0LL 01634 686 504

## **MSDS Information**

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200 articles do not require a MSDS / SDS.

Articles are defined by:

An "article" means a manufactured item: (1) which is formed to a specific shape or design during manufacture (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (3) which does not release, or otherwise result in exposure to, a <u>hazardous chemical</u> under normal conditions of use. Any product which meets the definition of an "article," would be exempt from the requirements of the Standard.

Sinclair & Rush Ltd considers all finished parts as "articles" and as such they do not require an accompanying MSDS / SDS.

If you require a MSDS for the materials within the articles please contact <u>osbma@sinclair-rush.co.uk</u>

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained thereof. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variation in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the application disclosed. Full-scale testing and end product performance are the responsibility of the user. Sinclair and Rush Limited shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Sinclair and Rush Limited's direct control. Sinclair and Rush Limited MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendations, nor as an inducement to practice any patented invention without permission of the patent owner.