## **Technical Data Sheet**

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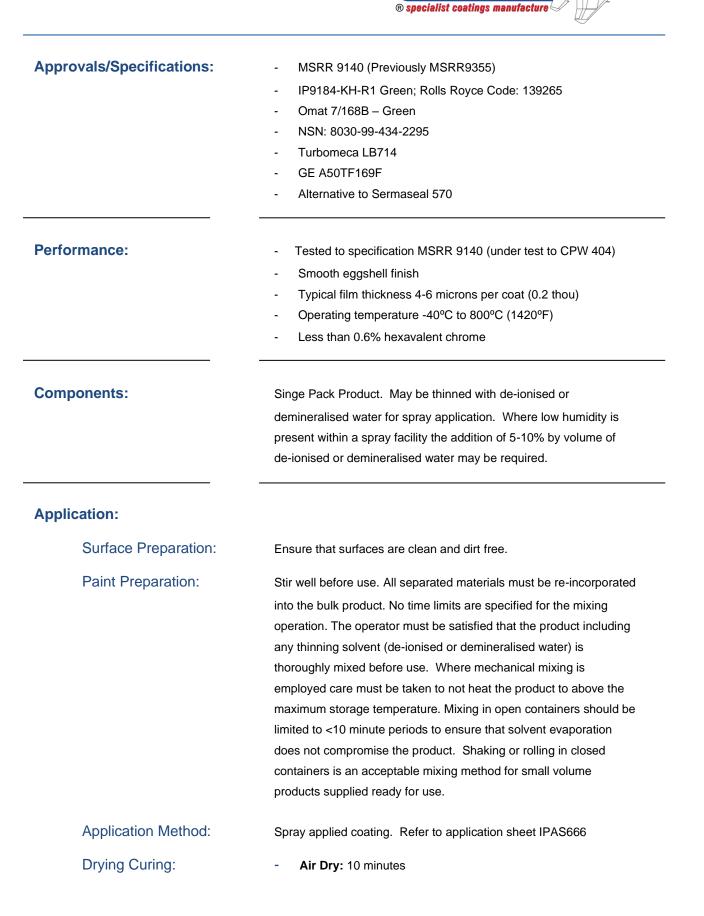
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Product Name:	Green Ipseal H/T Inorganic. Seal. MSRR9140
Product Number:	IP9184-GREEN
Product Description:	Ipseal is an inorganic protective coating used as a barrier on Ipcote IP9183-R1, IP9253, PL219, Ipthin IP9356.
	All of the lpcote coatings are conductive, sacrificial coatings and inherently porous. Ipseal seals this porosity without detracting from their sacrificial properties. It also creates an electrically non- conductive barrier coat. The use of lpseal on top of these products results in a smoother, harder coating which provides a barrier against carbon deposits etc extending the useful life of the base coat and a smoother finish which enhances airflow characteristics and therefore engine efficiency.
	IP9184 is for use at temperatures up to 800°C (1400°F). This material also has capabilities as a coating in its own right, being water based with no VOC's, this coating has high temperature resistance up to 800°C on such metals as nickel. It has shown a 70% reduction in Alpha Case corrosion on titanium at 650°C at 3-5 microns.
	For repair touch up's refer to PL150 Green PL270 for Khaki Ipseal
EU REACH Status	This coating contains Chromium Trioxide: CAS No: 1333-82-0. This is classified as a SVHC, and under annex XIV has a sunset date of September 2017. Continued use of this coating after this date will be restricted to authorised uses (uses 1, 4 & 5 as defined in authorisation) under the REACH chemical restriction process, for a defined time period: 4 years for industrial uses and 7 years for aerospace use.
	The chrome Trioxide used in manufacture is sourced from one of the 7 sub applicants to CTAC as mandated . Indestructible was one of the original CTAC applicants as evidenced by the attached Jones Day letter

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Indestructible

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Heat

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Cure: Pre-bake for 30 minutes @ 80-100°C, 30-60 minutes @ 350°C

<b>Technical Properties:</b>	Supply Viscosity:	37-43 ISO3 Cup @ 23ºC	
	Solids:	45-51	
	Flash Point:	N/A	
	VOC Content:	0g / I	
	Colour:	Green	
	Pack Size:	1 and 5 Litre	
	Density:	1.3kg / litre	
	Gloss:	N/A	
	Thinner:	De-ionised or demineralised Water	
	Solvent/Clean Up:	Water	
	Theoretical Coverage:	29.8 sq m / I @ 10 micron	
Storage:		Shelf Life: 12 months temperate; 6 months tropical Before use, refer to Product Safety Data Sheet The information printed in this publication is based upon the research and experience of Indestructible Paint Ltd. No representation of warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. Indestructible Paint Ltd make no warranty or representation of any kind, express or implied. Including without information limitation any warranty or merchantability or fitness for any particular	
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