

# CavityPro 400

*Define | Design | Develop | Deliver*

**CavityPro 400** is SWT Group's newest addition to its family of water-based rust inhibitors. This product utilizes the powerful rust preventative characteristics of calcium sulphonate without the environmentally hazardous solvents required in traditional corrosion preventatives.

Developed with a unique, proprietary, self-healing formulation, **CP 400** has both physical and chemical anti-corrosive properties on most metal surfaces and exhibits the ability to prevent rust even in the presence of minor damage to the film. This water-based coating offers the performance, storage stability and sprayability of most of its solvent based counterparts but without the VOCs. Extensive laboratory and field testing has proven that **CP 400** water-based rust inhibitor can achieve impressive corrosion resistance at much lower film thicknesses than its solvent based counterparts under many different conditions.

Physical Properties (Typical)			
<b>Colour</b>	Amber or Black (speciality colors upon request)	<b>Solids by volume</b>	50% +/- 2%
<b>Viscosity</b>	3,000-10,000 cP	<b>VOC Content:</b>	0.43 lbs/gal, 51 g/Litre
<b>Density</b>	8.8 lbs/gal, 1.06 g/ml	<b>Sag Resistance</b>	> 16 mils at 25° C

Performance Data			
Test	Method	Specification	Result
Corrosion Resistance	ASTM B117	5 mils <1% @ 500 Hrs	Pass
Low Temp Crack Resistance	Chrysler MS-12540 3.1.5	2 hrs -20C 20mm Mandrel	Pass
Flame Resistance	Internal SWT Method	open flame for 25 secs	No flame
High Temperature Resistance	Chrysler MS-12540 3.1.7	24 hrs. cure 30 min @ 90C	No run or sag

## Surface Preparation

Surface must be clean and dry, free of water, oils, loose rust and other contaminants.

## Application

Since this coating has thixotropic rheology, it can be applied using all types of spray equipment. Typical starting points are a 15:1 airless pump with a 0.017" tip and a 150-200 micron filter.

The ratings and data contained herein are based on information obtained through controlled laboratory methods. We recommend that the customer determine the suitability of these materials before adopting them for its own use