

## **LABOR SAVER<sup>™</sup>**

### **HIGH PERFORMANCE EPOXY**

### **9100 SYSTEM / 9101 ACTIVATOR**

<b>DESCRIPTION</b>	Two-Component, 1:1 Mix, High Solids Epoxy Coating. USDA acceptable <sup>1</sup> and Agriculture Canada approved.
<b>USES</b>	<p>This high solids epoxy mastic coating is designed to provide high-performance service in moderate to severe environments. It is primarily intended for use directly on sound rusted steel with minimum surface preparation. It can also be used on clean steel, galvanized metal, concrete (including concrete floors), previously coated and slightly damp surfaces.</p> <p>The 9100 System can be used indoors or out. While exposure to sunlight and certain interior lighting conditions causes yellowing, fading and chalking of all epoxy type coatings, these changes are cosmetic in nature only and film integrity and performance will not be adversely affected.</p>
<b>APPEARANCE</b>	Semi-gloss, Colors according to Rust-Oleum Color Card.
<b>RECOMMENDED PRIMERS</b>	9100 System is self-priming
<b>COMPATIBLE TOPCOATS</b>	5200 High Performance Acrylic Finishes, 9400 Rust-O-Thane
<b>PHYSICAL PROPERTIES</b>	
RESIN TYPE	Polyamide or Polyamine Converted Epoxy
SOLIDS BY VOLUME	78% - 81%
VOLATILE ORGANIC COMPOUNDS	< 340 g/l
RECOMMENDED DRY FILM THICKNESS	5 - 8 mils (125 - 200 microns) per coat
WET FILM TO ACHIEVE DFT	6.5 - 10.5 mils (162 - 262 microns) per coat
THEORETICAL COVERAGE @ 1 mils DFT	1250 - 1300 sq ft / gal.
MIXING RATIO	1 : 1 Base to Activator By Volume (9101 Activator)
INDUCTION PERIOD	None required
POT LIFE	2 gallons approx 1 - 2 hours at 32°C 10 gallons less than 1 hours at 32°C
DRY TIMES @ 21 - 27°C AND 50% RH	Tack Free           6 - 8           hours Handle               6 - 12           hours Recoat               16 - 72          hours
DRY HEAT RESISTANCE	300°F (149°C)
SHELF LIFE	3 years in unopened containers.
PACKAGING	Part A 1 gallon and Part B 1 gallon
<b>SURFACE PREPARATION</b>	Remove all dirt, grease, oil, salt and chemical contaminants by cleaning with 3599 degreaser(Rust-Oleum) or other suitable cleaner. Remove loose rust, mill scale or deteriorated previous coatings by Hand Tool or Power Tool Cleaning. Rinse thoroughly with fresh water and allow to fully dry. Thoroughly cured, hard or glossy previous coatings which are very smooth may require scuff sanding to maximize adhesion.
<b>APPLICATION</b>	Airless spray is the preferred method. However, Brush, roller, air atomized spray may also be used.
<b>THINNING</b>	Brush / Roller            Thinning is normally not required. Air Atomized Spray    160 Thinner    Use up to 10% by volume Airless Spray            Thinning is normally not required. Cleanup                   160 Thinner
<b>SAFETY INFORMATION</b>	<b>See the Product Material Safety Data Sheet (MSDS) and label warning for additional safety information.</b>

<sup>1</sup> Can be used in used in USDA facilities based on FSIS Directive 11,000.4(Rev 1), November 24, 1995.