

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	100% Solids Self-Leveling Epoxy
<b>Description</b>	Epoxy floor coating for use on metal and concrete surfaces. Provides durable floor finish with good resistance to common chemicals and daily forklift traffic. Provides an cost effective solution to floor coating needs.
<b>Features</b>	<ul style="list-style-type: none"> <li>• High gloss finish</li> <li>• Good chemical resistance</li> <li>• Suitable for use in USDA inspected facilities</li> <li>• Very good abrasion resistance</li> <li>• Direct-to-concrete capability</li> </ul>
<b>Color</b>	Light Gray (C705), Machine Gray (0754), Tile Red (0516), Safety White (S800), Safety Orange (4444), Sterling Gray (6731)
<b>Gloss</b>	High Gloss
<b>Primer</b>	Sanitile 900, Sanitile 1340 WB or self priming.
<b>Dry Film Thickness</b>	152 - 381 microns (6 - 15 mils) per coat
<b>Solids Content</b>	By Volume 100% +/- 1%
<b>Theoretical Coverage Rate</b>	39.4 m <sup>2</sup> /l at 25 microns (1604 ft <sup>2</sup> /gal at 1.0 mils) 6.6 m <sup>2</sup> /l at 150 microns (267 ft <sup>2</sup> /gal at 6.0 mils) 2.6 m <sup>2</sup> /l at 375 microns (107 ft <sup>2</sup> /gal at 15.0 mils) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : 0.0 lbs./gal (0g/l)
<b>Dry Temp. Resistance</b>	Continuous: 93°C (200°F) Non-Continuous: 121°C (250°F)

## SUBSTRATES & SURFACE PREPARATION

<b>Steel</b>	Steel substrates to be coated should be abrasive blasted to a near white metal finish (SSPC-10 or NACE-2) with a 2 to 3 mils anchor profile.
<b>Concrete</b>	Reference SSPC-13/NACE-6 and ICRI 03732 on proper surface cleaning and profiling of concrete substrate. Refer to ASTM F 2170 and ASTM F 1869 to determine amount of moisture in concrete substrate. Contact Carboline technical service in cases where moisture content is higher than 75% RH or 3 lbs./1000 sq.ft./24 hr period. Concrete should be properly cured and have the following characteristics: Substrate tensile strength of at least 300 psi. A pH in the range of 7 to 11. The surface must show open pores throughout and have a sandpaper texture.

## MIXING & THINNING

<b>Mixing</b>	Mix Part A and Part B separately first for 30 seconds. Combine Part A and part B in a 3 to 1 ratio and power mix for 2 minutes. Do not whip air into mixture. DO NOT USE PARTIAL KITS. No sweat-in or induction time is required. Thinning is not recommended.
<b>Thinning</b>	Not recommended.

# Sanitile 944 SL

## PRODUCT DATA SHEET



### MIXING & THINNING

**Ratio** | 3:1

**Pot Life** | 30-60 mins @ 75°F (24°C) and less at higher temperatures. Pot life ends when coating becomes too viscous to use.

### APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

**Brush & Roller (General)** | Use a short-nap mohair roller cover with solvent resistant core and a rubber or EPDM squeegee. For best results condition roller before application to minimize lint or loose fibers. A high quality solvent resistant brush may be used for hard to reach areas.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	16°C (60°F)	10°C (50°F)	10°C (50°F)	10%
Maximum	29°C (85°F)	29°C (85°F)	32°C (90°F)	80%

Apply coating while concrete temperature is descending to reduce the chance of out-gassing or pin holing.

### CURING SCHEDULE

Surface Temp.	Dry to Receive Light Traffic	Dry to Recoat	Dry to Topcoat Maximum	Final Cure Time	Tack Free
21°C (70°F)	12 Hours	8 Hours	24 Hours	7 Days	4 Hours

### CLEANUP & SAFETY

**Cleanup** | Use MEK, Toluene, or Xylene. In case of spillage, absorb and dispose of in accordance with local governments regulations. Use adequate ventilation.

**Safety** | Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions.

**Ventilation** | When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA / NIOSH approved respirator.

### PACKAGING, HANDLING & STORAGE

**Shelf Life** | 24 months

When stored indoors at 75°F (24°C) in recommended storage conditions in original unopened containers.

**Shipping Weight (Approximate)** | Shipping Weight: (Approx) 9.3/gal. (4.2 kg/gal)

---

## PACKAGING, HANDLING & STORAGE

---

**Storage Temperature & Humidity** | 40-110°F (4-43°C)  
0-90% Relative Humidity

**Flash Point (Setaflash)** | Part A: 225°F (107°C)  
Part B: 220°F (93°C)

**Packaging** | 1 gallon, 4 gallon, 40 gallon, and full 55 gallon drum sizes available.

## WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.