



## EPOXY RESIN SYSTEMS

*"Dedicated to QUALITY, SERVICE, SAFETY, and INNOVATION"*

# TC-1570 A/B

## WHITE EPOXY SURFACE COAT

TC-1570 A/B is a general-purpose white epoxy surface coat that can be used in conjunction with epoxy or polyurethane resin systems. TC-1570 A/B is noted for its ease of application and its ability to hang on vertical surfaces without sag or runoff.

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Hardness, Shore D	ASTM D2240	90 ± 2
Density (g/cc)	ASTM D792	1.92
Cubic Inches per Pound	N/A	13.7
Color/Appearance	Visual	White Opaque
Flexural Strength (psi)	ASTM D790	8,100
Flexural Modulus (psi)	ASTM D790	9.5 x 10 <sup>5</sup>
Heat Deflection Temperature @ 66psi	ASTM D648	220°F (104°C)
Heat Deflection Temperature @ 264psi	ASTM D648	217°F (103°C)

HANDLING PROPERTIES	Part A	Part B
Mix Ratio by weight	100	8
Specific Gravity @ 77°F (25°C)	2.1	1.08
Mixed Viscosity (cps) @ 77°F (25°C) Brookfield	Brushable	
Work Time, 100g mass @ 77°F (25°C)	15 – 20 minutes	
Cure Schedule	8 – 12 hours	

Properties above are typical and not for specifications.

### **STORAGE:**

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 12 months from date of shipment when properly stored at recommended temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING	Part A	Part B	Square Inches per Kit (Coverage @ 1/16" thick)
Quart Kits	3 lbs.	4 oz.	712
Gallon Kits	10 lbs.	13 oz.	2,370
5-Gallon Kits	45 lbs.	3.6 lbs.	10,653

### **SAFETY PRECAUTIONS:**

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

### **IF CONTACT OCCURS:**

**Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

**Eyes:** Immediately flush with water for at least 15 minutes. Call a physician.

**Ingestion:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**Refer to the Material Safety Data Sheet before using this product.**



TC-1570 Part A SDS



TC-1570 Part B SDS