



EPOXY RESIN SYSTEMS

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

TC-4207 A/B

GENERAL PURPOSE, STRUCTURAL ADHESIVE

TC-4207 A/B is a buff-colored epoxy adhesive with a smooth, paste-like consistency. It has been used primarily for bonding wood, metal and plastics. The TC-4207 A/B has a semi-paste consistency providing a more vertical hang than its sister product designated TC-4206 A/B.

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULTS
Hardness, Shore D	ASTM D2240	85 ± 5
Color/Appearance	Visual	Buff
Compressive Strength (psi)	ASTM D695	10,000
Water Absorption (%)	ASTM D570	2.0
Lap Shear (psi) Aluminum to Aluminum, etched	ASTM D1002	2,000

HANDLING PROPERTIES	Part A	Part B
Mix Ratio (by weight or volume)	100	100
Specific Gravity @ 77°F (25°C)	1.40	1.24
Color	Buff	Amber
Viscosity (cps) @ 77°F (25°C) Brookfield	Semi-flowing	
Work Time, 1 lb. mass @ 77°F (25°C)	60 minutes	
Gel Time	105 minutes	
Tack Free Time @ 77°F (25°C)	6 – 8 hours	
Full Cure @ 77°F (25°C)	40 hours	

Properties above are typical and not for specifications.

SURFACE PREPARATION:

Clean, dry surfaces are required. Metals should be sanded and wiped clean with solvent.

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
Quart Kits	2 lbs.	2 lbs.
Gallon Kits	8 lbs.	8 lbs.
5-Gallon Kits	40 lbs.	40 lbs.

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-4207 Part A SDS



TC-4207 Part B SDS