

DESCRIPTION

TECHNO BOND 9030 is a medium curing epoxy adhesive, that develops handling strength in about 30 to 45 minutes and will cure rapidly in thin films or at low temperatures. It is an excellent industrial adhesive characterized by a non-critical equal ratio mixing range.

TECHNO BOND 9030 will readily bond most plastics, metals, ceramics, paper, wood, and some rubbers. It is ideally suited to applications in electronics, jewellery manufacturing, general product assembly, and many aircraft uses.

APPLICATION

Surfaces to be bonded must be clean, dry and free of other contaminants. Measure out equal amounts of parts A and B and stir until homogenous or use astatic mixing nozzle. Apply the uniform mixture to both surfaces. An optimum bond line is 5 mils. Allow to cure while being held in place with light clamping. Adhesive will set in 30 to 45 minutes with handling strength developed in 45 to 60 minutes with full cure in 24 hours.

Please consult **POLYMERES TECHNOLOGIES** for more details based on your application.

TYPICAL PROPERTIES (at 22°C)

PERFORMANCE RESULTS (ASTM D1002)

Viscosity (CPS)	14,000 CPS	Substrate/Surface preparation	Strength (psi)
Color	Black/Clair	CRS, Abraded	2400
Peak Exotherm 100 gram preparation	150°C	2024-T3 Aluminium, Acid Etched	2800
Specific Gravity (gm/cc)	1.19 gm/cc	SS 304, Abraded	2600
Gel Time on 100 grams (minutes)	30 Minutes	Electogalvanized steel, IPA wipe	2300
Odor	Mild	ABS, IPA wipe	630
Percent solids by weight	100%	PVC, IPA wipe	500 (material failure)
Operating temperature	-40°F to 200°F	Brass, Abraded	2100
		Copper, Abraded	1500

PRECAUTIONS

- Consult Material Safety Data Sheet prior to use.
- Normal health and safety precautions should be observed when handling this product :
 - Ensure proper ventilation.
 - Wear gloves and safety glasses
- Product should be stored in a cool dry place out of direct sunlight. Shelf life is **12 months** when properly stored in unopened, original containers.
- It is recommended to follow Provincial and Federal safety regulations. In case of eye contact, rinse well with water, in case of skin contact, rinse with soap and water. Keep away from children.

GUARANTEE

Seller makes no warranty of any kind, express or implied, as to the merchantability, fitness for any particular purpose, or any other matter with respect to the product **TECHNO BOND 9030**. Since conditions of use are beyond seller's control, buyer assumes all risk of use of this product. Under no circumstances will seller be liable for consequential or incidental damages arising out of the use of this product. Seller's sole obligation shall be to replace the product if found to be defective. It is the user's responsibility to determine the suitability for use of this product under the conditions present at the time of application. M.S.D.S. available upon request.