



PRODUCT INFORMATION

HIGH TECHNOLOGY MATERIALS

MEREKO XLN-470

EPOXY ADHESIVE SYSTEM FOR HARD TO BOND VINYL

INTRODUCTION

MEREKO XLN-470 is a specifically formulated system which provides excellent adhesion to many vinyl substrates. The system may be used to adhere vinyl films in outdoor equipment and in other highly plasticized films. **MEREKO XLN-470** has wide application in electrical potting and in tying down and sealing vinyl coated wires in electrical apparatus. Additional uses are for vinyl tiles, base boards and pipe.

GENERAL INFORMATION

The useful combining weight ratio of **MEREKO XLN-470** is 1:1. The volume ratio is 5 volumes of base to 6 volumes of activator. The white base when combined with the black activator produces a gray mix which aids in determining when mixing is complete. The combined ingredients of this formulated system have a balance of reactivity, strength, toughness and adhesion not usually found in an easy to use product. **MEREKO XLN-470** cures overnight at 25°C. Adhesive strength continues to improve over a period of 5 days. The system may be cured at moderately elevated temperatures. A cure of 1 to 2 hours at 65° - 80°C is recommended. If required, a similar system with lower viscosity is available as **MEREKO XLN-470LV**.

PRODUCT DATA

Color and Form	Base	White, medium viscosity liquid
	Activator	Black, thixotropic gel
Specific Gravity	Base	1.15
	Activator	1.00
Mix Ratio	By weight	1 to 1
	By volume	5 base to 6 activator
Cure Schedule	Normal Cure	24 hours at 25°C
	Speed Cure	2 hours at 65° to 80°C

STORAGE

MEREKO XLN-470 should be stored in tightly sealed containers in a dry location at or below normal room temperatures.

Technical information and recommendations made by Mereco Division and Metachem Resins Corporation concerning products and uses or applications thereof, are based on reliable laboratory tests and are believed to be accurate. No warranty, however, is expressed or implied, nor is any warranty expressed or implied as to results to be obtained from use of said materials, whether used singly or in combination with other products. No statements made are to be construed as constituting a license under any existing patent.

FORM 1105 REV. 0

MEREKO TECHNOLOGIES GROUP * 1505 MAIN STREET * WEST WARWICK, R.I. 02893 * (401) 822-9300 * Fax (401) 822-9311

HANDLING

Prolonged or frequent skin contact with **MERECO XLN-470** may cause dermatitis. Good industrial hygiene practices should be observed when working with this system. Effective ventilation, goggles and protective clothing is recommended for personnel. In case of accidental skin contact, wash the affected area with soap and water. In case of eye contact, flush eyes thoroughly with water and consult an eye physician. Contaminated clothing should not be worn until it has been thoroughly cleaned.