

McKinnon Materials, Inc.

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RUBBER EPOXY

Physical Properties		Performance Properties	
Composition:	Two component epoxy system for industrial epoxy coating with additional flexibility. These are mainly used in the boating industry and as a flexible primer coat in crack mitigation. Also as a binder for rubber granules.	Tensile Strength: Ultimate Tensile Strength (PSI): Elongation @ break (%): Hardness:	2450 2750 60% (ASTM – D2240 Shore D) 58 Shore A 70 + or -5
Solids Content:	100% solids	Comprehensive Strength: Impact Strength:	(ASTM B 22 H) 4,100 PSI 160 inch pounds direct passed
Mix Ratio:	7 to 1	Abrasion Resistance	Grams weight loss 12mg loss federal test method standard 406 method 1091
Viscosity:	@ 77 degrees F 1,000-1,700 cps		
Pot life:	@ 77 degrees F approximately 15-25 minutes	Chemical Resistance	
General Information:		Reagent	Rating
Application:	See surface preparation R-recommended for continuous service L- limited recommendation, occasional spills	Xylene Methanol Skydrol Sodium Hydroxide 10% Sodium Hydroxide 50% Sulfuric Acid 10% Hydrochloric Acid 10% Acetic Acid 5%	A A A D D C C A Rating Key: A- Not recommended, B- 2 hr splash spill, C- 8 hr term splash spill, D- 72 hr impression

Coverage:	Build coating depends on the application technique, substrate porosity and intended function, but for most applications, an average thickness of 10 to 50 mills will get 40 to 150 sq ft per gallon		
Drying Time:	Should be allowed to cure 12-18 hours at normal room temperature for light traffic, and 4-5 days for heavy traffic.		
Clean up:	Tools and mixing equipment should be thoroughly cleaned prior to gelation of the product. Typical solvents such as xylene and acetone may be used for cleaning.		