

BUSHING LOCK- K-113

Description:	K-113 BUSHING LOCK is a two-component, 100% solids, VOC, BGE ¹ and nonyl phenol ² free, epoxy resin system designed for high temperature, heat-absorbing applications. It is specifically intended for use on cone crushers to "lock" the eccentric bushings and prevent the bushings from moving or turning in the main frame or eccentric. BUSHING LOCK is a DOT non-corrosive, user friendly and safer alternative to standard locking compounds.		
Handling Properties:	MIXED VISCOSITY, cP or mPa.s	10,800	ASTM D 2196
	SPECIFIC GRAVITY, g/cm ³	1.5	ASTM D 792
	GEL TIME @ 77 °F (25 °C), min	30	ASTM D 2471
Physical Properties:	COMPRESSIVE STRENGTH, psi (MPa)	13,800 (95)	ASTM D 695
	HARDNESS, Shore D	87	ASTM D 2240
	MAX. CONTINUOUS SERVICE TEMPERATURE, °F (°C)	250 (121)	
	WATER ABSORPTION, %	0.43	ASTM D 570
Curing Procedures:	Application temperature: 55-95 °F (13-35°C). The working time (the time you have before it sets) of BUSHING LOCK will vary according to the air temperature. The average working time at 77 °F (25 °C) will be 10-15 minutes. In cooler weather you will have more time to pour the material and in hotter weather you will have less time.		
Packaging:	Volume/kit: 110 in. ³ (1,800 cm ³)		

¹ Butyl Glycidyl Ether. The EPA (SARA Title III, section 312) lists it (BGE) as "Toxic" (per ANSI Z129.1) by skin absorption and an immediate health hazard.

² Nonyl Phenol is a Marine Pollutant and considered "Dangerous for the environment" per the EU directive 79/831/EEC.

Mixing:

Components in each kit are pre-measured. Do not mix less than full kits. (Attempts to “eye-ball” ratios of partial kits will produce uncertain results.) To use, pour the hardener component into the 2-gallon pail containing the resin and mix with a slow speed drill until a uniform color appears, usually 2 to 3 minutes.

SAFETY PRECAUTIONS

Avoid breathing of vapors. Forced local exhaust is recommended to effectively minimize exposure. NIOSH approved, organic vapor respirators and forced exhaust are recommended in confined areas, or when conditions (such as heated polymers, sanding) may cause high vapor concentrations. **DO NOT WELD ON, BURN OR TORCH ON OR NEAR, ANY EPOXY MATERIAL. HAZARDOUS VAPOR IS RELEASED WHEN AN EPOXY IS BURNED.** Read and understand all cautions on can labels and safety data sheets before using this material.

FOR INDUSTRIAL USE ONLY**WARRANTY AND DISCLAIMER**

Copps Industries, Inc. gives no warranty, express or implied, and all products are sold upon condition that purchasers will make their own tests to determine the quality and suitability of the product. Copps Industries, Inc. shall be in no way responsible for the proper use and service of the product. The information given in this publication is considered to be accurate and reliable and is provided as a service only. Physical properties shown are typical. Actual properties are dependent on curing conditions and degree of cure. Any information or suggestions given are without warranty of any kind and purchasers are solely responsible for any loss arising from the use of such information or suggestions. No information or suggestions given by us shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.