

BUSHING LOCK- K-113

Description:

K-113 BUSHING LOCK is a two-component, 100% solids, VOC, BGE¹ and nonyl phenol² 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 cm³)

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.

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