

## BUSHING LOCK

DOT Non-Hazardous

K-113

### EPOXY COMPOUND FOR LOCKING ECCENTRIC BUSHINGS ON CONE CRUSHERS

K-113 BUSHING LOCK is a three-component, 100% solids, VOC, BGE<sup>1</sup> and nonyl phenol<sup>2</sup> free, epoxy resin system designed for high temperature, heat-absorbing applications. It is specifically intended for use in eccentric assemblies on cone crushers to "lock" the inner and outer eccentric bushings and prevent the bushing from turning. K-113 is a DOT non-corrosive, user friendly and safer alternative of standard K-007 bushing compound.

#### PHYSICAL PROPERTIES

MIXED VISCOSITY, cP or mPa.s	6,500	ASTM D 2196
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)	
SPECIFIC GRAVITY, g/cm <sup>3</sup>	1.5	ASTM D 792
GEL TIME @ 72 °F (22 °C), min	28	ASTM D 2471

#### WORKING/MIXING/TEMPERATURE CONSIDERATIONS

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 72 °F (22 °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. All three 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 resin, hardener and filler into the 2-gallon pail and mix with a slow speed drill until a uniform color appears, usually 3 to 4 minutes.

**APPLICATION TEMPERATURE: 55-95 °F (13-35 °C)**

**VOLUME PER KIT: 110 in.<sup>3</sup> (1,800 cm<sup>3</sup>)**

- 1 - Butyl Glycidyl Ether. The EPA (SARA Title III, section 312) lists 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.

## 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 material safety data sheets before using this material.

## WARRANTY AND DISCLAIMER

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TB#4113(01/17/11)