

Epoxy Nose Filler – K-552

Description:

Copps' Epoxy Nose Filler K-552 is a two-part, paste, room temperature cure epoxy system. This product is specially formulated as a nose caulk to fill the gap between rubber or vinyl tread and a structural material such as concrete, wood or metal. The 552's semi-flexible matrix provides high level of impact strength and toughness. Adhesion to wood, concrete, and metal is excellent.

User-friendly mix ratio (1/1 by volume) allows for use of partial kits eliminating excess material waste.

Product

Advantages:

- Comfortable Working Time
- Friendly 1/1 Mix Ratio
- Non-Flammable
- Caulk-Paste Consistency
- 100 % Solids
- VOC Free
- Non-Corrosive
- High Peel Strength

Handling

Properties:

COMPONENTS	Resin, Hardener
MIXED VISCOSITY, cP	Paste
MIXED COLOR	Gray
WORKING TIME, h	2
INITIAL CURE, h	24
LIGHT FOOT TRAFFIC, h	48
APPLICATION TEMPERATURE, °F	55-95

Physical

Properties:

SHORE HARDNESS, D SCALE	75	ASTM D 2240
PEEL STRENGTH, pli		ASTM D 3167-07
RUBBER TILES	25.6	
VINYL STAIR TREADS	47.7	

Surface

Preparation:

The substrate should be free of dust, and all loose and foreign material. K-552 will not develop a maximum adhesion to a surface contaminated with oil, grease, wax and other hydrophobic agents.

NEW CONCRETE MUST CURE A MINIMUM OF 28 DAYS PRIOR TO THE APPLICATION OF ANY EPOXY, CONCRETE MUST BE TESTED FOR MOISTURE AND VAPOR TRANSMISSION BEFORE APPLYING.

Mixing:

To mix K-552 pour the contents of the container marked Hardener into the larger Resin container. Immediately mix until a uniform color is achieved using a Jiffy Mixer and a slow speed drill. Mix at slow speed (less than 500 rpm) to avoid air entrapment. DO NOT mix more material than can be used within the stated working time. REMEMBER- you will have less working time at higher temperatures.

K-552, before it has hardened, can be removed from tools with Copps Enviro Kleen solvent or warm soapy water.

This product must be stored at 65-80 °F in closed containers. Shelf life is one year from date of manufacture for an unopened kit.

Application:

Apply the adhesive with a caulk gun, square or notched trowel to flooring manufacturer specifications.

Packaging:

Nose Filler is conveniently packaged in 1, 2, and 4 gallon kits containing a resin (Part A) and a hardener (Part B). Larger bulk quantities are also available.

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 polymer, sanding) may cause high vapor concentrations. Do not weld on, burn or torch any epoxy material. Hazardous vapor is released when an epoxy is burned. Avoid skin or eye contact. Wash skin with soap and water if contact occurs. If eye contact occurs flush with water for 15 minutes and obtain medical attention. 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.

