

HUDCO Industrial Products, Inc.

Anti-Abrasive

Super-Tough Beaded Wearing Compound

HUDCO PulvaWear™

PulvaWear™ is a specially formulated wear resistant coating for use in coal pulverizing mills. The composition of dense alumina spheres and micro ceramic powder in a ballistic grade aramid fiber reinforced epoxy matrix provides remarkable service life when applied to classifier cones, mill walls and other internal components. The protective properties of PulvaWear™ are uniquely optimized by typical coal mill operating temperatures. The service life of Hudco PulvaWear™ in coal pulverizers typically exceeds 5 years.

PulvaWear™ is supplied in a complete kit including tools for mixing and application.

Typical Applications

In addition to coal pulverizing mills, PulvaWear™ also provides excellent wear protection in a wide range of applications including chutes, screw conveyors, pneumatic conveying equipment and other equipment subject to fine particle abrasion.

Physical Properties

Mixing Ratio (R:H)	4:1 by weight
Color	
Resin	Grey
Hardener	Black
Mixed	Dark Grey
Application Thickness	¼" – 1" or as desired
Pot Life	30 Min @ 75° F
Gel Time	60 Min @ 75° F
Initial Cure Time	6 hours @ 75° F
Post Cure Time	4 Hours @ 200° F
Specific Gravity	2.34
Maximum Operating Temperature	300° F

Packaging

Kit Size	Net Weight	Net Volume
20#	20 lbs.	1.12 Gal



This reference guide is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions.

Application Instructions

Surface Preparation: Roughen surface by grinding or sandblasting (3-5 mil surface profile). Surface must be completely dry with a minimum surface temperature of 75° F.

Mixing: Mix 4 parts of resin to 1 part of hardener by weight. Kits are supplied in the correct ratio. Ensure that the sides of the mixing container are scraped into the mixture. Mix several minutes, until consistent color is achieved.

Application: Apply product to prepared surface and use supplied tools to achieve desired finish.

Curing: At 75° F, product will gel in 60 min. Initial cure will occur in 6 Hours. In order for the product to reach its 300° F potential, it must be post cured for 4 hours at a temperature of 200° F or higher.

Safety Precautions

CAUTION: For Industrial Use Only. Keep Away From Children.

HUDCO PulvaWear™ Resin contains epoxy resin which is harmful if swallowed. After prolonged exposure it may irritate skin and cause sensitization and/or dermatitis.

HUDCO PulvaWear™ Curing Agent contains organic amine compounds which are harmful if swallowed. After prolonged exposure or repeated skin contact it may cause irritation, sensitization and/or dermatitis.

Emergency and First Aid Procedures

- Eye Contact - Irrigate with clean water for 15 minutes and call a physician.
- Skin Contact - Wash with soap and water.
- Inhalation - Remove to fresh air and provide oxygen if necessary.
- Ingestion - Call a physician at once. Give milk or white of egg beaten with water. Then give a teaspoon of salt in a glass of warm water to induce vomiting.

Protection Procedures

If used in a confined or an enclosed area, use an air supplied mask or respirator with canister for organic vapors and provide mechanical exhaust ventilation. Use protective gloves, safety glasses, and protective clothing. Avoid contact with skin and clothing. Contaminated clothing should be laundered before wearing again. Contaminated shoes should be thoroughly cleaned before wearing again.

Storage

HUDCO PulvaWear™ should be stored in a cool, dry area. Shelf life is a minimum of one year in unopened containers when stored at 70° F - 85° F.

Warranty

Because the storage, handling and application of these materials are beyond our control, we can accept no liability for the results of their use. Our liability is limited only to replacement of any material proven defective in manufacture. We suggest users try small applications to determine the suitability of the product for their intended use.

HUDCO Industrial Products, Inc.

3100 Morgan Road
Bessemer, AL 35022
1-800-247-9908

Fax: 205-425-4011
Email: sales@hudcoinc.com
Website: www.hudcoinc.com



This reference guide is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions.