

**HUDCO Industrial Products, Inc.**  
Flooring

## Acid Resistant Floor Coating

# HUDCO Formula 8500

HUDCO Formula 8500 gives unparalleled durability on surfaces such as walls and floors. It is easily applied by a paint roller. HUDCO Formula 8500 offers a tough acid resistant surface and is not affected by high traffic. Formulated to offer good load bearing with moderate flexibility.

May be applied to any concrete or metal surface where an acid resistant surface is desired.

### Physical Properties

Mixing Ratio (R:H)	4:1 by Volume
Color	Grey
Solids	100% by Volume
Volatile Organic Content (VOC)	0%
Cure Time @ Room Temperature	75 Minutes
Final Cure Time	24-48 Hours
Pot Life @ Room Temperature	30 Minutes
Adhesion lap shear hardness	2,500 PSI 80 degrees F
(Shore D) Tensile Strength	7 Days
Elongation	PSI 8-10%
Thermal Cycling	No Cracking
Flammability	Self Extinguishing

### Packaging

Resin	Curing Agent	Kit Weight
20 lbs.	5 lbs.	25 lbs.



*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:

#### **Concrete**

- (A) Concrete substrates must be clean and sound. Remove grease and oil (if present) with an effective degreasing compound or strong industrial detergent.
- (B) Remove scale, chipped or weak concrete.
- (C) Acid etching the surface is acceptable if followed by thorough flushing with clean water.
- (D) Apply to dry surface.

#### **Steel**

- (A) Best results are obtained by sandblasting to a white surface.
- (B) Remove grease and oil with a suitable detergent or film-free solvent (Acetone).
- (C) Apply to dry surface.

### Application:

Mix Resin/Hardener System well (3-5) minutes with low speed drill). Pour mixed system from bucket at once and apply over prepared area with short or medium nap roller. Mixed product must be spread within 10 minutes to avoid heat build. Do not "scrape" bucket as it may contain unmixed product in the corners and result in soft spots on applied surface.

## Safety Precautions

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

HUDCO Formula 8500 Resin contains epoxy resin which is harmful if swallowed. After prolonged exposure it may irritate skin and cause sensitization and/or dermatitis.

HUDCO Formula 8500 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 Formula 8500 Resin and Curing Agent 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.**

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