

## CXT-393 HW Urethane Coating

Technical Data Sheet CXT-393 HW

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### **FOR PROFESSIONAL USE ONLY**

This product is intended for use by professional installers. For best project results read all the applicable product information including SDS and Technical Data Sheet before using this product.

### **Product Description**

CXT-393 HW is a high-performance three component, chemical resistant high solids aliphatic urethane coating. The satin finish with the aluminum oxide offers a superior abrasion resistant coating. CXT-393 HW has low VOC's and meets all federal and state environmental air quality standards.

### **Product Application**

Ideal for concrete floors in warehouses, storage facilities, aircraft hangars, animal housing, restrooms, vehicle maintenance facilities and numerous other applications.

### **Benefits**

- Excellent Abrasion Resistance
- Excellent Stain and Chemical Resistance
- Low Odor
- Compliant to Low VOC Rule 1113 Air Regulations in all 50 States
- Clear or Pigmented
- For Use in Interior and Exterior Applications
- Horizontal and Vertical Applications

### **Packaging**

5 Gallon Kit  
50 Gallon Drum Kit

### **Surface Preparation**

Proper surface preparation is critical. The area should be cleaned of all dirt, oil, grease, waxes, curing agents, etc. and be mechanically prepared by shot blasting, grinding, or scarifying.

### **Mixing Directions**

Mix Part A and Part B together with a Jiffy blade for approximately one minute. Add Part C (aluminum oxide) and mix for another 30 seconds. Be careful not introduce excess air into the material. Make sure bottom and sides of bucket are scraped to ensure complete mixing.

### **Application Instructions**

Apply the material onto the floor using a dip and roll procedure with a short nap mohair roller, followed immediately with thorough cross rolling. Minimize air entrapment caused by over rolling. Do not thin material. CXT-393 HW must be aggressively sanded prior to application of a second topcoat. Minimum/Maximum application temperature is 50°- 90°F with a minimum/maximum relative humidity of 30%/80%. CXT-393 HW is a moisture cure urethane and relative humidity will significantly affect cure speed.

### **Colors**

Available in Clear. Pigment packets available.

### **Coverage**

Clear – 450 – 500 SF/Gallon (2.9 -3.2 mils DFT)  
Pigmented – 450 – 500 SF/Gallon (3.0 -3.3 mils DFT)

### **Storage/Shelf Life**

Materials should be stored at 50°F – 90°F and out of direct sunlight. Shelf life is one year in unopened containers.

### **Safety**

Please read SDS before using this product.

### **Cleanup**

Clean skin with soap and water. Clean mixing and application tools with xylene or lacquer thinner.

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## Physical Properties

### Solids Content by Volume

Clear: - 90%

Pigmented: 93%

**Mix Ratio By Volume:** A:B – Pre-Measured

| Set Times                                    | 75°F. and 50% RH |
|--|------------------|
| Pot Life                                     | 2 Hours          |
| Re-Coat (must sand first)                    | 8 - 10 Hours     |
| Foot Traffic                                 | 16 – 24 Hours    |
| Forklift Traffic/ General Service            | 72+ Hours        |
| Full Cure and Maximum Resistance to Staining | 5 – 7 Days       |

| Test                            | Result   |
|---------------------------------|--|
| Hardness (ASTM D3363 Pencil)    | 2H to 3H   |
| Abrasion Resistance ASTM D-4060 | 10 – 20 mgs. 1000 cycles, CS-17 Wheel  |
| VOC Content                     | <50 g/l per rule 1113. Compliant in all 50 states, including Los Angeles SCAQMD counties |

## Chemical Resistance

| <u>Chemical</u>         | <u>Rating</u> | <u>Chemical</u>       | <u>Rating</u> |
|-------------------------|---------------|-----------------------|---------------|
| Acetic Acid – 5%        | S             | Iodine                | R             |
| Acetone                 | S             | Lactic Acid – 15%     | R             |
| Betadine                | R             | Methyl Ethyl Ketone   | S             |
| Beer                    | R             | Nitric Acid – 10%     | R             |
| Bleach                  | S             | Orange Juice          | R             |
| Brake Fluid             | R             | Peroxide – 35%        | R             |
| Citric Acid – 30%       | S             | Phosphoric Acid – 85% | S             |
| Crude Oil               | R             | Skydrol               | R             |
| Diesel Fuel             | R             | Sodium Hydroxide -50% | R             |
| Ethylene Glycol         | R             | Sulfuric Acid – 20%   | R             |
| Fatty Acids             | S             | Toluene               | R             |
| Gasoline                | R             | Urea                  | R             |
| Hydrochloric Acid – 15% | R             | Vinegar               | S             |
|                         |               | Xylene                | R             |

Key: R – Recommended - S – Short term, occasional spills with frequent cleaning.

## Warranty

Corvixx Polymers Corporation warrants our products to be free of manufacturing defects. Liability for products proven defective is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Corvixx Polymers Corporation. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CORVIXX POLYMERS CORPORATION, EXPRESSED OR IMPLIED.

### **Corvixx Polymers Corporation**

980 Pauly Drive, Elk Grove Village, IL 60007

[p] 855-827-8500

[w] www.CorvixxPolymersUS.com

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