

# CONCORD™

## Polyurethane Sealer



### DESCRIPTION

Concord™ is a lead free urethane modified alkyd, high gloss enamel that provides an exceptional hard, dense film that is abrasion and dirt resistant. Excellent flexibility provides a chip and flake resistant finish with excellent durability.

### USES

Concord™ is an all-purpose heavy-duty maintenance finish that can be used on a multitude of surfaces including metal, wood, steel, aluminum, dry wall, plaster, concrete and masonry. Concord™ resists mild acid and alkali fumes, oil and grease, abrasion, gases and steam. Concord™ is USDA approved as a protection coating for surfaces where there is a possibility of accidental food contact in facilities operating under the Federal Meat and Poultry Products Inspection Program. Typical uses include storage tanks, bridge work, support stands, equipment, structural steel, building exteriors, safety and pipe marking, interior walls, ceilings, machinery, conveyors, cranes, and railings.

### PRODUCT ADVANTAGES

- Ready and easy to use.
- Dries overnight.
- Protects against freeze/thaw, salt and staining.
- USDA approved.

### YIELD/COVERAGE

- 882 sq. ft. per gallon at 1.0 mil dry.
- 300 sq. ft. per gallon at 3 mils dry.

### PACKAGING

- 5-gallon pail

### SURFACE PREPARATION

All dirt, oil, dust, foreign contaminants, peeling coating and laitance must be removed from surface prior to coating to assure a trouble free bond. Previously coated floors exhibiting a strong bond to surface can be coated over by sanding down the existing coating.

| Typical Technical Data For Concord™<br>(Product And Curing Conditions At 73°F And 50% R.H.) |   |
|---|---|
| Storage Conditions  | Store in dry conditions at 40°F - 95°F  |
| Shelf Life  | 1 year  |
| Set Time  | To touch: 2-4 hours<br>Recoat: 16-24 hours<br>Light Foot Traffic: 24 hours<br>Full Cure (heavy traffic): 2-3 days   |
| Viscosity<br>V.O.C.   | 67-82 K.U. (± 2)<br>3.17 Maximum  |
| Percent Solids by Weight  | 52% (± 2)   |
| Percent Solids by Volume  | 57% (± 2)   |
| Flashpoint (Pm Closed Cup)  | >110°F  |
| Gloss at 60°F   | 80 - 90   |
| Abrasion Resistance   | Excellent   |
| Salt Fog Resistance (Primed Steel)  | 500 hours passes  |
| Moisture  | Good  |
| Dry Heat Resistance   | 200°F   |
| Flexibility (1/4" Mandrel Bend)   | Passes  |
| Weathering  | Excellent   |
| Resistance  | Mild Acid Fumes .....Good<br>Mild Alkali Fumes .....Fair<br>Aliphatic Solvents..... Fair<br>(Fuel, Oil, Gasoline, Kerosene)<br>Animal & Vegetable Fats and Oils....Good |
| Reduction and Clean Up  | Mineral spirits   |

### MIXING

Blend thoroughly at slow speed with a mixer or by hand, until the material appears uniform.

### APPLICATION & PLACEMENT

Make certain the temperature is above 50°F. and do not apply if rain is in the forecast within 4 - 6 hours. Apply Concord™ with a brush, roller, or spray. One coat is usually sufficient over a primed or painted surface in good condition. Two coats will offer maximum protection.

**NOTE:** Temperature and humidity are major factors in determining cure time. Typically, cure times can double with each 10°F drop in temperature. Cure times can reduce by half with each 10°F increase in temperature.

### CHEMICAL RESISTANCE

This product is resistant to most common chemicals. Please refer to **Garon's Chemical Resistance Chart** for actual resistance to specific chemicals/reagents.

### SLIP & FALL HAZARDS

Ensure cured coating surface remains dry in pedestrian, equipment and vehicular areas to avoid slips and falls of people, equipment and vehicles. Use caution when coating is wet or when oil, hydraulic fluids, grease or other chemicals, fluids or agents that may produce a slick surface are present. Increase slip resistance by broadcasting an appropriate size aggregate into the wet coating during application in all areas where enhanced coating traction may be necessary. **Be aware of the full cure time. Do not open the area to normal service,**

harsh industrial chemical or abusive use before the coating is fully cured.

#### FIRST AID

Skin contact- wash thoroughly with soap & water. If any product gets into the eye, rinse immediately and repeatedly with water for at least 15 minutes. For respiratory problems, remove person to fresh air. Wash clothing before re-use. Dust may cause skin or eye irritation. Wear gloves, eye and nuisance protection. **Consult MSDS** and call for medical care if necessary.

#### CLEAN UP

Contain spills. Ventilate area. Use absorbent materials to collect. Dispose of according to local, state, federal regulations. Mixed components — uncured material can be removed with an approved xylene or keytone solvent. Cured material must be removed by mechanical means.

#### COLOR

Applied samples, color charts, illustrations and reproductions in catalogs and other Garon publications are not guaranteed to match the color shades of materials ordered. Colors or clarity for clear may be affected by high humidity, low temperatures, or chemical exposure. Tire contact may cause discoloration. Slight lot-to-lot color variations may occur. Light or bright colors (white, safety yellow, etc.) may require multiple coats or a suitable color coordinated primer to achieve a satisfactory hide. When ordering to match a previous color, inquire if the same lot number or quality control number is still available. Colors may vary from batch to batch, therefore, use only product from the same batch for an entire job.

**NOTICE:** Concord™ should not be exposed to high heat or boiling water.

**NOTE:** Temperature and humidity are major factors in determining cure time. Typically, cure times can double with each 10°F drop in temperature. Cure times can reduce by half with each 10°F increase in temperature.

| SPRAY DATA: AIRLESS               |                  |
|-----------------------------------|------------------|
| Fluid Pressure                    | 2,500 psi        |
| Tip                               | .015" - .017"    |
| Reduction                         | Up to 1 pint T-1 |
| Conventional Atomization pressure | 50 - 60 psi      |
| Fluid Pressure                    | 20 - 25 psi      |
| Cap/Tip                           | 704 Cap, E tip   |

**MAINTENANCE:** It is recommended that the coating installation be checked on a regular maintenance schedule. Recoating may be necessary at various intervals depending upon the severity of conditions. Small area touch-up can be made at any time by following recommended application temperatures.

**THIS PRODUCT IS FOR INDUSTRIAL AND PROFESSIONAL USE ONLY**

#### LIMITATIONS

The user is responsible for proper application.

#### DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of Garon Products, Inc. Such recommendations and information set forth herein are subject to change and pertain to the product(s) offered at the time of publication. Published technical data and instructions are subject to change without notice. Consult [www.garonproducts.com](http://www.garonproducts.com) or call 800-631-5380 to obtain the most recent Product Data, MSDS and Application instructions.

**Keep container tightly closed. Not for internal consumption--consult SDS for additional information. This product is for professional use only.**

**KEEP OUT OF REACH OF CHILDREN**

Garon and Concord™ are trademarks of Garon Products Inc.  
Made in USA.

**GARON PRODUCTS INC.**  
P.O. Box 1924  
Wall, NJ 07719-1924  
800-631-5380  
FAX 732-223-2002

[www.garonproducts.com](http://www.garonproducts.com)

Garon products are sold with the understanding that the buyer will test them in actual use and determine for himself their adaptability to his intended use. However, since such use is beyond our control, we do not guarantee the results to be obtained in the customer's processes. The information contained in this brief is advisory only, and the use of the materials and methods is solely at the risk of the user. These recommendations and suggestions for the use of our materials are in accordance with Garon standards. There are no other warranties by Garon of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product, and under no circumstances, either expressed or implied, will GARON PRODUCTS, INC. be liable for damages in excess of the purchase price of this product. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by the officers of manufacturer and seller.