

# ON GUARD™ Base Detecting Paint Specifications

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**ON GUARD™ Base Detecting Paint** is a white, water base coating, specially formulated to be an alkaline (base) indicator for solutions with a pH 10 or greater. The cured film of **ON GUARD™** will respond to alkalinity, turning the coating from a bright white to a deep, brilliant blue, immediately. **ON GUARD™** provides an immediate visual indication of a spill or leak at extremely small quantities. This is an exceptional latex coating with superior durability and easy application. **ON GUARD™** is often the only method of leak detection available. Use on potentially hazardous surfaces such as valves, pipes, flanges, tanks, sample ports, weld sites, truck tankers, tanker cars, or any place where an accidental leak or spill may occur.

## PHYSICAL CHARACTERISTICS:

Appearance	White
Weight/Gallon	9.5-10.0 lbs./gal.
Viscosity	75-80 KU
Hide	Very Good
V.O.C.	negligible

## CURING TIME: @ 77°F (25°C.):

To Touch	2-3 Hours
To Recoat	3 Hours
Cure	10 Days Min.

**TYPICAL USE:** Use over primer as a top coat. Use of **ON GUARD™ WHITE PRIMER # 315** or a quality latex primer with rust inhibitor is required. Surfaces must be clean, dry, rust, dust, oil, and contamination free. **ON GUARD™** may be used over an existing latex coating if the user is assured the existing coating is stable and the surface is clean, dry, rust, dust, oil, and contamination free. If the sub coating is over 1 year old, the surface may have enough porosity to facilitate satisfactory adhesion. If the sub coating is less than one year old, or has a slick finish, adhesion may be a problem. In such instances, use a transition coating or scuff sand overly smooth surfaces. Applying **ON GUARD™** over an oil-based paint will require the use of a transition coating to ensure inner-coat adhesion.

**SURFACE PREPARATION:** STEEL: Hand tool cleaning (SSPC-SP2) or Power tool cleaning (SSPC-SP3) for normal requirements.

**THINNING:** Use paint as supplied. If desired, thin with water.

**STORAGE TEMPERATURE:** Minimum 40°F (4.44°C)/Maximum 110°F (43°C). Keep from freezing.

**SHELF LIFE:** One year in the factory-sealed can at the above storage temperature

**MIXING:** Stir paint thoroughly prior to use and occasionally during use.

**COVERAGE RATE:** 200-250 square feet per gallon. Allow for overspray and surface irregularities.

**APPLICATION PROCEDURE:** Apply **ON GUARD™** to achieve 4 mil dry thickness (2-3 brush coats).

**CLEAN UP INSTRUCTIONS:** Clean all equipment **immediately** after use with warm water. Flush and clean spray equipment before material dries.

**APPLICATION EQUIPMENT:** Air or airless spray, brush or roller.

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