

# VandlGuard®

## URETHANE QUICK CURE PERFORMANCE ADDITIVE

### TECHNICAL DATA SHEET

Performance Additive for VandlGuard Single-Part Urethane



URETHANE PERFORMANCE ADDITIVE

### Product Description

Urethane Quick Cure Performance Additive is designed to increase pot life, chemical resistance, impact resistance, chip resistance, UV protection and reduce cure times in Rainguard urethane products. Urethane Quick Cure Performance Additive mixes easily.

Urethane Quick Cure Performance Additive is an ethylene imine based tri-functional polyaziride that is also used as a cross-linker for both aqueous and non-aqueous field and factory applied coatings and inks to promote both physical and chemical properties. With the highest level of functionality at 3.3, it yields the highest level of cross-link density of polyfunctional aziridines. However, due to the unsubstituted aziridine rings, the typical pot life of the Urethane Quick Cure Performance Additive is 4-8 hours in a formulation with a pH of 9-9.5. This grade is ideal for field or factory applied coatings where a faster dry time and greater cross-link density is desired. Also, the added hydroxyl group on this molecule allows the Urethane Quick Cure Performance Additive to be easily dispersed into an aqueous coating, adhesive, or ink.

| Item    | Product                                  | U/M      | UPC            |
|---------|--|----------|----------------|
| SP-1300 | Urethane Quick Cure Performance Additive | 2 Ounce  | 6 6004100229 8 |
| SP-1305 | Urethane Quick Cure Performance Additive | 10 Ounce | 6 6004100231 1 |

### Mixing Instructions

Add 2 ounces of Urethane Quick Cure Performance Additive per Gallon to thin material. Mix well 5-10 minutes.

### Mixing Ratio

Add 2 ounce bottle of Urethane Quick Cure Performance Additive per 1 Gallon bottle 1:1  
Add 10 ounce bottle of Urethane Quick Cure Performance Additive per 5 Gallon pail 1:1

### Technical Data

|                   |                        |
|-------------------|------------------------|
| V.O.C.            | 0 g/L V.O.C. Compliant |
| Volume Solids     | 100%                   |
| Color of Material | Clear                  |
| Odor              | Slight Latex Smell     |