



## WHITESHELL ENGINEERING DATA SHEET

- **Weight per gallon:** 9.7-9.9 lbs.
- **Pigment type:** White (TiO<sub>2</sub>)
- **Flash Point:** 110°F (Flash Point is the minimum temperature at which an open flame can ignite the product.)
- **Volatile Organic Content (VOC):** 329 g./liter
- **Viscosity:** 330-350 cP
- **Theoretical coverage:** 350-450 sq. ft. per gal., depending on surface.
- **Solids by volume:** 62.5%
- **Recommended dry film thickness:** 2-4 mils DFT (applied in 1-2 wet coats)  
Avoid excessive films
- **Temperature Resistance:**  
Continuous: 314°F
- **Chemical Resistance:** Excellent
- **Recoatibility:** with WhiteShell after 2-72 hours.
- **Color:** Gloss White
- **Finish:** Gloss
- **Cure Time:**  
Handle: 2-4 Hours  
Touch: 2-4 Hours, depending on ambient temperature and relative humidity  
Recoat: 2-72 hours. Cure time varies with relative humidity, temperature and thickness of film (24-72 hours)
- **Shelf Life:** 2 years provided containers remain unopened and stored between 50°-100°F.
- **Taber Abrasion:** 10,000 cycles, (1000 gram load, CS-10 wheel @ 6 mils DFT)
- **Intercoat Adhesion:** Excellent

### Typical Uses

High performance protection for steel and iron applications, such as industrial, marine, farm, automotive, and anyplace where rust is a problem.

High Performance Black Topcoat for application over painted and unpainted surfaces. Apply over our Rust Bullet Rust Inhibitive Coatings for the Ultimate Corrosion Protection.

### Advantages of WhiteShell

- Easily applied and “forgiving” under less than desirable application conditions
- Single component
- Excellent resistance to weather and mechanical abuse
- Excellent chemical resistance
- Excellent abrasion resistance
- Excellent adhesion
- Excellent UV resistance
- VOC compliant

### Product Description

- Single component, moisture cure finish
- High solids, VOC compliant coating
- Extremely tough, scratch and chip resistant coating
- Color: Gloss White

### Suggestions for use

Avoid ingestion, contact with skin or eyes. The use of safety glasses and chemical gloves is recommended. When brushing or rolling at elevated ambient temperatures (above 79°F) or when spraying, a self-contained breathing apparatus is recommended. See [Material Safety Data Sheet](#) before use.

### Surface Preparation

Metal must be free of loose rust, oil, grease, wax, and moisture. This may be achieved by light scraping; a detergent or solvent wipe may be used if necessary. For more information:

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