



WHITESHELL

ENGINEERING DATA SHEET

PRODUCT DESCRIPTION

Single component, aliphatic moisture cured urethane, gloss topcoat; WhiteShell can be applied over painted or unpainted surfaces and can be used as a stand-alone protective coating that will protect your iron and steel. For the ultimate protection, apply WhiteShell as a topcoat over our patented Rust Bullet Standard or Automotive Formulas. WhiteShell is UV resistant, scratch and chip resistant. WhiteShell can be brushed, rolled or sprayed.

TYPICAL USES

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

ADVANTAGES

- Easily applied and "forgiving" under less than desirable application conditions
- Can be applied on rusted or clean surfaces
- Single component
- Excellent resistance to weather and mechanical abuse
- Excellent chemical resistance
- Excellent abrasion resistance
- Excellent adhesion
- Excellent UV resistance
- Self-leveling
- Flexible

SPECIFICATIONS

- **Weight per gallon:** 9.4-9.7 lbs.
- **Pigment type:** White (TiO₂)
- **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 weight:** 62.5%
- **Recommended dry film thickness:** 2-4 mils DFT (applied in 1-2 wet coats)
- **Temperature Resistance:** Continuous: 314°F
- **Chemical Resistance:** Excellent
- **Recoatability:** With WhiteShell or Clear Shot after 4-48 hours.
- **Color/Finish:** Gloss White
- **Cure Time:** Handle: 2-4 Hours; Touch: 2-4 hours. Depending on ambient temperature and relative humidity. Recoat: 4-48 hours. Cure time varies with relative humidity, temperature and thickness of film (48-72 hours).
- **Shelf Life:** 2 years, after ship date, unopened, stored between 50°-100°F.
- **Application Temperature:** 32°F-110°F (0°C-43°C)
- **Compatibility:** Compatible with all coatings that are compatible with MCUs (Moisture-cured Urethane); always refer to the coating manufacturers guidelines for application and compatibility

SAFETY INFORMATION

Avoid ingestion, contact with skin or eyes. The use of safety glasses and chemical gloves is recommended. When brushing, rolling or spraying, appropriate NIOSH approved respiratory protection is recommended. See [Safety Data Sheet](#) for complete safety data before use, available at www.RustBullet.com. It is the applicator's responsibility to understand these safety precautions and the work environment, to protect themselves and/or others.

SURFACE PREPARATION

Surface must be free of contaminants, such as, loose rust, oil, grease, wax, moisture, salts etc. This may be achieved by light scraping; a detergent or solvent wipe may be used if necessary. For more information contact us :

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LIMITATION OF LIABILITY

All recommendations or suggestions relating to the use of the product, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The product and information is designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use. Conditions of use are beyond our control, Rust Bullet, LLC (the Company), disclaims any liability incurred in connection with the use of our products and information contained herein. No person is authorized or empowered to make any statement or recommendation not contained herein, any such statement or recommendation so made shall not bind The Company. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents Rust Bullet, LLC has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, Rust Bullet, LLC does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet. The information contained in this data sheet is subject to modification. This data sheet replaces and annuls all previous issues. The user has the responsibility to ensure that this sheet is current prior to product use. (07/14)