



BLACKSHELL®

ENGINEERING DATA SHEET

- **Weight per gallon:** 8.8-9.0 lb.
- **Pigment type:** Carbon Black
- **Flash Point:** 110°F (Flash Point is the minimum temperature at which an open flame can ignite the product.)
- **Volatile Organic Content (VOC):** 339 g./liter
- **Viscosity:** 280-350 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)
- **Temperature Resistance:** Continuous: 314°F
- **Chemical Resistance:** Excellent
- **Recoatibility:** With BlackShell or Clear Shot after 4-48 hours.
- **Color/Finish:** Gloss Black
- **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.

Typical Uses

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

Product Description

Single component, aliphatic moisture cured urethane, gloss topcoat; BlackShell 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 BlackShell as a topcoat over our patented Rust Bullet Standard or Rust Bullet Automotive Formulas. BlackShell is UV resistant, scratch and chip resistant. BlackShell can be brushed, rolled or sprayed.

Advantages of BlackShell

- 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

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 contaminates, such as, loose rust, oil, grease, wax, moisture etc. This may be achieved by light scraping; a detergent or solvent wipe may be used if necessary. For more information:

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