



BLACKSHELL[®] ENGINEERING DATA SHEET

- **Weight per gallon:** 8.8-9.0 lbs.
- **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)
Avoid excessive films
- **Temperature Resistance:**
Continuous: 314°F
- **Chemical Resistance:** Excellent
- **Recoatibility:** with BlackShell after 2-72 hours.
- **Color:** Gloss Black
- **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.
- **Tabor 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 BlackShell

- 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 Black

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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