**PRODUCT DESCRIPTION**

HBS2-C2932, Satin Black POWDURA® Hybrid Powder Coating combines outstanding over bake and mechanical properties and is recommended for a broad range of interior functional and decorative applications.

**Advantages:**
- Flexible cure schedule
- Outstanding over bake properties
- Excellent film properties
- Excellent hardness
- Available in a wide range of colors, glosses and textures
- Can be formulated to minimize outgassing
- Many applications, including:
  - Tools
  - Hot Water Heaters
  - Office Furniture
  - Shelving
  - Power Tools
  - Toys
  - Oil Filters

**Performance Tests:**
(for smooth films only) Testing performed on Bonderite 1000 panels electrostatically applied and properly cured in an electric convection oven.

- **Adhesion:** Pass 5B
  - (ASTM D-3359)
- **Flexibility:** Pass 1/8” Mandrel
  - (ASTM D-522)
- **Pencil Hardness:** 2H-3H
  - (ASTM D-3363)
- **Impact Resistance:** 80 Dir/Rev
  - (ASTM D-2794)
- **Salt Spray Resistance:** 1000 hrs
  - (ASTM-B117)
- **Humidity Resistance:** 1000 hrs
  - (ASTM-D4585)

**CHARACTERISTICS**

- **Storage:** Powdura® Hybrid Powder Coatings should be kept in a dry and cool area at temperatures below 75°F (24°C). Shelf life ranges from 6 months to over 1 year. When not in use, store powder in sealed containers: fine powders are hygroscopic.

**SPECIFICATIONS**

- **General:** Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface passivation treatments to ensure optimum adhesion and coating performance properties. The use of a chemical con-version coating prior to the application of a powder coating is strongly recommended. Consult Metal Preparation Brochure CC-T1 for additional details.

- **Aluminum:** A minimum of a 5-stage chrome phosphate metal treatment, or equivalent, is required for good adhesion and optimum coating performance properties.

**CAUTIONS**

- **For interior applications only.**
- **Contact your Sherwin-Williams Representative where use of this product at higher than recommended film thickness may be required.**

Powder coatings must be applied using suitable electrostatic equipment. Consult your Sherwin-Williams Representative regarding unique applications.

**CHARACTERISTICS (continued)**

- **CAUTIONS (continued)**

**FIRST AID:**
- **If on SKIN:** Wash thoroughly with soap and water.
- **If in EYES:** Flush with water immediately and procure medical attention. The area adjacent to the coating operation should be properly ventilated. Cure ovens must be exhausted to the outside atmosphere.
  - All dusts are respiratory irritants, inhalation of the dust should be avoided. To avoid static electricity build-up, properly ground all equipment. Provide dust collection equipment with adequate explosion venting; dust clouds of any finely divided organic material can be ignited by open flame or electrical sparks.

**DO NOT TAKE INTERNALLY.**

**KEEP OUT OF REACH OF CHILDREN.**

**FOR INDUSTRIAL USE ONLY.**

**REFER TO MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.**

**Warranty Policy:** The seller certifies that all coating delivered to the customer in unopened factory filled containers will meet all pertinent quality standards presented in our current published literature. Since matters of surface preparation, application procedures and other local factors that affect performance are beyond our control, we assume no liability for coating failure other than to supply replacement material for a coating shown to be outside our published quality standards. Manufacturer shall not be liable for any injuries, damages or other losses, deriving directly or in consequence of the purchaser's use of the product. Purchaser shall determine suitability of this product for his own use, and thereby assumes all risks and liabilities in connection therewith.

**Note:**
Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties or guaranties as to the end results.

Grimsby, Canada
February 9, 2003