

## Bemis Toilet Seats...Made with Earth-Friendly Paints and Materials

Bemis is committed to clean, ecologically sound operations and products. For the benefit of our customers, employees and the environment, we take the higher ground when designing products, processes and manufacturing systems. Bemis satisfies both the letter and the spirit of the law, fully complying with all applicable federal and state regulations and requirements with respect to environmental protection.

For several years Bemis has employed a green philosophy actively under the guidance of the Rainforest Alliance. Bemis uses both SmartWood Rediscovered Wood and a proprietary water-based paint system to produce our molded wood toilet seats.

- The SmartWood Program of the Rainforest Alliance has developed the SmartWood Rediscovered Wood Program for certification of reused, reclaimed, recycled and salvaged wood products.
- All molded wood toilet seats from Bemis contain rediscovered wood from 100% recycled wood sources.

At our Sheboygan Falls facility, Bemis Manufacturing Company exclusively uses a special water-based acrylic paint on its molded wood toilet seats. Bemis previously used paints with Volatile Organic Compounds (VOC) solvent bases. However, we have gone to great lengths and expense to convert to a water-based solution that greatly reduces our reliance on VOCs.

- In the molding process, Bemis mixes wood flour with powdered resin and other components. This mixture is heated and molded into rings and covers. Chinese toilet seat manufacturers typically combine wood flour with liquid urea formaldehyde. MDF is usually made with wood chips, urea formaldehyde and wax in a process where wood chips are broken down into their natural cellulose fibers and combined with resin and wax. The dried fibers are formed into mats and compressed into panels under high pressure. In these operations, urea formaldehyde is released into the atmosphere.
- When we compare VOC emissions to the contents of a can of hair spray, Bemis produces the equivalent of one can of hairspray for every 12 toilet seats produced. China produces 45.58 cans for every 12 seats when using polyurethane and 50.44 cans when using acid-catalyzed processes.

**SMARTWOOD**<sup>SM</sup>  
**REDISCOVERED**

REDISCOVERED WOOD is from 100%  
re-cycled wood sources

SW-RW-053

**BEMIS**

*Mayfair*

**Church**

**Olsonite**