

## **ABSTRACT**

### **Waterborne Zinc-Rich Primer Compositions**

A multi-component waterborne corrosion resistant coating composition used as an organic zinc rich primer for protecting metal substrate from corrosion. The composition includes zinc dust, a crosslinking component and a polymeric component produced from a low Tg polymer and an amine functional curing agent. These components of the composition are stored separately and then mixed prior to applying the coat of the composition over metal substrate.

The coating composition of the present invention has longer pot life than conventional waterborne corrosion resistant coating composition.