

## **TECHNICAL DATA**

1. SR-17 is not a rust converter, but an iron phosphate compound.
2. SR-17 is water-based.
3. SR-17 is hygroscopic and designed to be used in high-humidity environments, on all metals, to remove corrosion chemically.
4. SR-17 insulates both the anode and cathode sites on the metal substrate. This arrests electrical activity, which is the physical cause of corrosion.
5. SR-17 can be used as a surface preparatory and pre-primer. It can receive coats of paint, or can be left uncoated to be used as a preservation product.
6. SR-17 does not harm painted surfaces, but will dissolve nylon and etch concrete.
7. SR-17 dries to a chalky-white, powdery finish consisting of a micro-crystalline structure of a metal phosphate. A secondary reaction forms an insulating layer between the crystals to completely insulate the substrate.
  - a. SR-17 should be applied and reapplied until this finish is achieved and all visible signs of corrosion are gone.
8. SR-17 renders chlorides, sulfates, and nitrates insoluble.
9. SR-17 may be applied by an airless sprayer, pump-action garden sprayer, trigger sprayer, paint roller, and/or paint brush. SR-17 does not require rinsing. Once dry, remove loose, powdery residue by air, brush, or cloth prior to painting.
10. SR-17 leaves an adherent micro-crystalline structure approximately 0.5 mils thick. This toothy structure creates a favorable profile for paint adhesion.
11. SR-17 covers approximately 400 square feet per gallon (100 square feet per quart) per coat on rusted surfaces. On blasted surfaces, SR-17 covers approximately 600 square feet per gallon per coat.
12. SR-17 is heat-resistant to 2,450 degrees Fahrenheit.
13. SR-17 is scratch resistant.