Weas Engineering Product Data Sheet

Sanus P-200

Weas Engineering's P-200 product is one of the main pillars of our Sanus potable drinking water treatment platform. It provides exceptional corrosion control for potable water and is also effective in industrial water systems. By applying our optimized silicate technology, this product will ensure longer equipment life, while also adhering to ANSI Standard 60 for water treatment chemicals. This is a preferred potable water treatment for water systems with calcium hardness concentrations less than 25 ppm as $CaCO_3$. Silicate adsorbed films form on metal surfaces stymying the corrosion process.

Product Benefits

- Effective corrosion protection for steel distribution lines, iron and galvanized piping, and lead and copper plumbing
- Inhibits lead and copper leaching, resulting in reduced metals levels in the potable water
- Minimizes the occurrence of microbial-induced corrosion
- Controls iron minimizing rusty and dirty water
- Reduces discoloration, staining, and mineral build-up resulting in fewer customer complaints
- Can also control cementitious materials from long term deterioration
- Achieves operating cost savings through corrosion and scale reduction, lower chlorine demand, and decreasing hydrant flushing, leaks, and failures

Methods of Application

Sanus P-200 treatment addition should be made using automation to the incoming water stream based on the flow rate through a quill to feed it away from metal surfaces. Treatment dosage will be site-specific dependent on water quality and application.

Packaging and Handling

Sanus P-200 should be handled with care. Wear proper personal protective equipment as indicated on the SDS when handling this product.

Protect containers from physical damage. Store in a cool dry place in closed containers. In case of accidental release: contain spill by collecting the liquid in a pit or holding behind a dam (sand or soil). Absorb with inert media and dispose of properly. Disposal of all materials shall be in full and strict compliance with federal, state, and local regulations. Consult the SDS for additional safety and handling information.

Typical Product Characteristics

Description:	Liquid. Almost Colorless.
Specific Gravity:	1.41
pH (1% w:w)	Alkaline. 11-12
Freeze Point:	Not Applicable
NSF Maximum Feed Rate:	42 mg/L
Certified to NSF/ANSI Standard 60	