

## Galvanized sheet corrosion inhibitor MC-P5560

### FEATURE

- Non chromium corrosion inhibitor
- No effect on the glossy of copper
- Can increase the copper material anti-corrosion performance

- Appearance: Yellow green transparent liquid
- Recommended dosage: 10%
- Applied Temperature: 50~60°C
- Processing way: Dipping, or spray

### APPLICATION

1. Adding 50~150L MC-P5560 and 850~950L deionized water or soft water into 1000L tank. The chromic acid value is 10.4~31.3 in the aqueous.

Chromic acid value test method: Firstly, add 10ml aqueous into an Erlenmeyer flask.

### PROCESS

2. Then add 50ml DI water and 20ml 50% H<sub>2</sub>SO<sub>4</sub> aqueous. Add 1~2g KI follow. Using 0.1mol/L Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> standard solution to titrate it. While the solution changes from reddish brown to yellowish-brown, add 2ml starch solution. The solution turns into dark blue. Then continue to use 0.1mol/L Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> standard solution to titrate till dark blue disappears. The consumption volume of 0.1mol/L Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> standard solution is the chromic acid value

3. Supplement: Add 4.7L (5.3KG) MC-P5560 into 1000L solution while the chromic acid value decreases by 1.

**Note: Must wear safety glasses, rubber gloves and protective clothing of chemical pollution, avoid contact with skin, do not inhale vapors.**

### TECHNICAL

① Clean--- ② Water wash--- ③ Water wash--- ④ Air dry--- ⑤ MC-P5560 dipping/spray---⑥dry

### PROCESS

Remark: 1. The steel temperature: 50~80°C. 2. While spraying 3ml/m<sup>2</sup> on the sheet surface, it can produce 10~28 mg/m<sup>2</sup> anti-corrosion layer.

### APPLICATION

Cast iron parts, cold-rolled sheet and galvanized steel profiles surface treatment etc.

### STORAGE AND HANDLING

- Available in 200 kg/ barrel or 25 kg/ barrel
- Storage period: 12-24 months in closed containers, shady and dry place