

### DESCRIPTION

**EcoPassiv** is an extremely effective decontamination and passivating agent for cleaning free iron particles on all stainless steel surfaces. This product was developed to meet the passivating norms ASTM A 967-05. Formulated water base and a performing organic acid mix, surfactants and corrosion inhibitors, **EcoPassiv** has a very weak toxicity and replaces effectively the nitric acid base passivation agents.

### CHARACTERISTICS

- Dissolves free iron ions
- Highly effective
- 0% of VOC (volatile organic composites)
- Effective on all stainless steel types
- Water base and organic acid
- Weak toxicity and biodegradable

### TYPICAL APPLICATIONS

Decontamination and passivation of stainless steel pieces. reservoirs, pipe structures, furniture, work surfaces, architecture elements, etc...

### PROCEDURES

Use **EcoPassiv** in the required concentration required for the application (water used for the dilution should have an inferior solid of 200 p.p.m.) :

Applications	EcoPassiv dilution in water <sup>1</sup>	
	Spray formula	Concentrated formula
Stainless steel passivation	Pure	1 : 3
Rust cleaning on stainless steel	Pure	1 : 3
Cleaning and passivation of pieces by immersion	N / A	1 : 2 – 1 : 5

### PASSIVATION OF STAINLESS STEEL

- Degrease the surface to be passivated with **FSH Welding BlueClean** alkaline degreaser, let work for 10 to 20 minutes and rinse well with lots of water (this step is very important in achieving an optimal passivation) ;
- Apply **EcoPassiv** on the surface to be passivated for 60 minutes<sup>1</sup> at piece temperature (20 to 25°C) and assure that the surface remains wet during the extent of passivation (adding as needed every 10 to 15 minutes) ;
- Rinse with water ;
- If you are using 400 series stainless steel, neutralize the surface after passivation with **FSH Welding BlueClean**.

### CLEANING OF RUST ON STAINLESS STEEL

- Apply pure or diluted on surface to be cleaned;
- Let work for 10 to 20 minutes ;
- Use a mechanical agitation ( brush<sup>2</sup>, rag or other) as needed ;
- Rinse with water

<sup>1</sup>The concentration and time required could vary with each piece and the temperature.

<sup>2</sup>Do not use mild steel brush.

*Specialized welding alloys and technology. For technical assistance or for ordering:*