



G.W. SMITH & SONS^{INC}

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PRODUCT DATA SHEET

PROTECT-O-METAL

DESCRIPTION

ANTI-SPATTER COMPOUND

Speed up weld cleaning by 85% when applying PROTECT-O-METAL by brush or spray before welding. Unlike other "spatter proofing" compounds, PROTECT-O-METAL will not smoke or cause odors. Spatter comes off with a whisk of a damp cloth.

PROTECT-O-METAL contains no oils or organic ingredients; it positively will not burn and is non toxic. One thin coat serves for single or multiple pass welds. One gallon protects up to 3000 square feet of quality welding.

Prevents oxidation scale with any temperature up to 1500°F. Simply coat piece with PROTECT-O-METAL before putting in furnace. Wipe off with damp cloth or brush after heat treatment.

APPLICATION

How it works: Brush it on, start welding immediately, and then wipe it off... that's all there is to it. The clean surface is ready for painting if necessary.

1. Thin PROTECT-O-METAL with water. Mix thoroughly. Most users add one gallon of water to one gallon of PROTECT-O-METAL to get two gallons of effective compound.
2. Brush it on or spray it on. Brush or spray it into the seam and on the surrounding area you wish to protect.
3. Begin welding immediately. PROTECT-O-METAL works well wet or dry.
4. Wipe weld spatter clean. Use a damp cloth or hose off with water. Spatter and PROTECT-O-Metal come off easily.

FEATURES

- Goes on fast, prevents weld spatter, adhesion, pitting and formulation of oxide scale.
- Inhibits rust in spite of the fact you thin it with ordinary tap water.
- PROTECT-O-METAL is a good electrical conductor – it stabilizes the welding arc and keeps it from breaking. A thin coat is effective for single or multiple pass welding. In fact, the thinner the coat the easier it wipes off ... another time & cost saving feature.
- 1 gallon protects up to 3000 square feet.

HANDLING AND STORAGE

Please see MSDS for more detailed information.