



QUESTIONS & ANSWERS

ABOUT CANTESCO®

STAINLESS STEEL

PICKLING PASTE

IN

WELDING APPLICATIONS

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WHAT IS CANTESCO® STAINLESS STEEL PICKLING PASTE?

CANTESCO® pickling paste is a nitric and hydrofluoric acid based cleaner in a clear paste form that prepares and restores stainless and acid resistant steel surfaces.

HOW IS THIS PRODUCT USED?

Available in a ready-to-use format CANTESCO® pickling paste can be stirred with a wooden stick or wooden spoon until material is smooth and consistent. To apply spread a thick layer of paste onto weld / surface area using a CANTESCO® applicator brush (a brush is supplied with each bottle of CANTESCO® pickling paste).

Leave pickling paste on weld / surface area for approximately 1 hour (sixty minutes). After materials have been cleaned residuals and rinse water can be neutralized to pH 7 using CANTESCO® neutralizing paste.

WHAT IS CANTESCO® NEUTRALIZING PASTE?

CANTESCO® neutralizing paste is used with CANTESCO® pickling paste in the treatment of acidic and metal bearing rinse water after the pickling process is completed. The neutralizing paste neutralizes the pickling paste and rinse water to pH 7-8 to stop the pickling process and for disposal purposes. Nickel and chrome residuals are deposited in the form of sludge.

PRIMARY APPLICATIONS FOR CANTESCO® STAINLESS STEEL PICKLING PASTE

CANTESCO® pickling paste can be used to remove black oxide weld scale and burn marks left during the welding of stainless steel. It removes both metallic contamination and welding and heat-treating scales.

WHAT IS SPECIFICATION A 380

Specification A 380 is an ASTM standard which “covers recommendations and precautions for cleaning, descaling, and passivating of new stainless steel parts, assemblies, equipment, and installed systems.”

WHAT IS PASSIVATION?

Generally speaking, the term passivation when used in conjunction with pickling paste means the “removal of exogenous iron or iron compounds from the surface of a stainless steel by means of a chemical dissolution,” in this case the use of an acid based CANTESCO® pickling solution.

DISPOSAL OF PICKLING PASTE AND RESIDUAL MATERIALS

The pickling paste and residual materials should not be disposed of through the drain. All excess materials should be disposed of through a licensed disposal facility. Neutralized materials, where the pH of the pickling paste has been neutralized to the range of pH 7 – 8 is not safe to dispose of except through a licensed facility because the sludge can contain trace elements of prohibited materials.

SHELF LIFE

The shelf life for CANTESCO® stainless steel pickling paste is a minimum of 24 months when kept in sealed containers and used as directed.

ADDITIONAL INFORMATION

For additional information on each specific product request the **TECHNICAL INFORMATION - TYPICAL ANALYSIS** form for each material(s) you are considering using.

For health and safety information request the specific material safety data sheet for each product(s) you are considering using.

PRODUCT SUPPORT

CANTESCO® stainless steel pickling paste and stainless steel neutralizing paste are available from stock through welding distributors and wholesalers.

For technical assistance, product literature and samples contact us directly, ask for a copy of our current WELDING PRODUCTS CATALOG – we're here to help.



WELDING PRODUCTS SELECTION GUIDE

STAINLESS STEEL PICKLING PASTE

ITEM NO	DESCRIPTION	QTY PER BOX
SPP-1K	Prepare and restore stainless and acid resistant steel surfaces, remove contaminated oxide film, restore materials' natural corrosion resistance properties after weld process. Available in a ready-to-use paste format CANTESCO® PICKLING PASTE must be stirred with a wooden stick or spoon until material is smooth and consistent.	1
SPP-2K		1

STAINLESS STEEL NEUTRALIZING PASTE

ITEM NO	DESCRIPTION	QTY PER BOX
SNP-1K	For treatment of CANTESCO® PICKLING PASTE acidic and metal bearing rinse water after pickling. Neutralizes rinse water to pH 7-8.	6
SNP-2K		4
SNP-20K		per pail

LEAK DETECTION COMPOUNDS • GAS LEAK DETECTORS • ZINC RICH SPRAY GALVS
DYE PENETRANT INSPECTION • ANTI-SPATTERS • NOZZLE TIP DIP • WIRE LUBE PADS
COOLING FLUIDS • STAINLESS STEEL PICKLING PASTE • ALUMINUM CLEANER