



Technical Data Sheet

Product Code: 0005396 Revised Date: 5/01/2025

PRO/Strip 2100S Special

Product Description

PRO/Strip 2100S Special is the first step of a two-step nitric acid-based tin and tin-lead stripping solution designed specifically for dual tank dip applications. PRO/Strip 2100S Special is designed to remove 80% - 95% of the tin or tin/lead etch resist, leaving only the copper-tin intermetallic layer to be stripped in the second step, using PRO/Strip 2101-B.

Performance Features

- Removes 80%-95% of the tin or tin/lead deposit, leaving only the copper/tin intermetallic layer to be stripped.
- Economical nitric acid-based formulation which completely dissolves tin and tin/lead without sludge formation.
- Stabilized. Will not produce exotherm or generate noxious fumes.

Physical Specifications

Physical State	Liquid
Appearance	Transparent to Light Yellow
Odor	Characteristic Nitric Acid Odor
Stability	Stable
Specific Gravity	1.20
pH	< 1

Equipment Requirements

Tanks: Constructed Of Polypropylene, Polyethylene, PVC Or CPVC.

Heaters: Quartz Or Teflon Encased Steel.

Racks: Constructed of Polyethylene, Polypropylene, Or Plastisol Coated Steel.

Cooling Coils: Constructed Of Polyethylene, Polypropylene, Or Plastisol Coated Steel.

Ventilation: Recommended

Agitation: Spray Processing May Require The Addition Of Anti-Foam. A Non-Petroleum Based Anti-Foam Such As Seacole's Anti/Foam CR-98S Is Recommended

Product Make-Up

PRO/Strip 2100S Special should not be diluted prior to use. Assure all tanks or process equipment is thoroughly cleaned prior to adding PRO/Strip 2100S Special. Refer to the procedure below.

Procedure

1. Thoroughly rinse the tank and inspect for cleanliness, paying special attention to the heaters, heater sheathings, and cooling coils.
2. Add PRO/Strip 2100S Special to the desired volume.

Operating Parameters

Before preparing the working bath, make sure the tank is clean and free of all prior chemistry, dirt, or previous solution deposits. Heat the bath to 80 - 95°F. Adjust the conveyor speed so the breakpoint occurs at 60 - 70% within the spray chamber.

Replenishment

PRO/Strip 2100S Special can be operated on a feed and bleed addition basis utilizing a specific gravity controller. Strip time will increase with solution use and metal concentration. The temperature of the stripping bath will affect the strip rate exponentially as the temperature increases. As the bath ages the strip speed will diminish. Additions can be made based on acid normality or to maintain the specific gravity between 1.27 - 1.30. The bath should be dumped when additions of PRO/Strip 2100S Special will no longer increase the speed.



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Additions of PRO/Strip 2100-S Special can be made directly to the bath to maintain solution level.

Safety and Handling

Read and understand this product SDS before handling

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

PRO/Strip 2100S Special is available in 5-gallon pails, 55-gallon drums, and 275-gallon totes.



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