



# **FOCUS TECH PROCESS CHEMICALS**

## **Technical Data Sheet**

### **Focus Tech I-Tin 8800**

#### **Immersion Tin Process**

#### **Product Description**

---

The I-Tin 8800 immersion tin process is a cost effective, environmentally friendly tin plating process designed as an alternative final finish to hot air solder leveling. The I-Tin 8800 process provides a thick, level and solderable deposit of tin on copper and copper alloy substrates. The IT-8820 plating bath is uniquely formulated to inhibit copper-tin intermetallic growth so that the I-Tin 8800 surface will remain solderable for up to one year when stored under nominal conditions. The I-Tin 8800 process includes a unique post clean step, PC-8830, that greatly reduces surface ionic contamination and inhibits dendrite growth. The I-Tin 8800 process can also be used to restore solderability to oxidized or aged tin deposits that are exhibiting poor solderability.

#### **Features**

- ⊙ Inhibited intermetallic growth
- ⊙ Restores solderability of aged tin or solder deposits

#### **Benefits**

- ⊙ Preserves solderability and increases shelf life
- ⊙ Minimizes reprocessing time

#### **Physical Properties**

---

	<b>TI-8810</b>	<b>IT-8820</b>	<b>IT-8821</b>
Specific gravity:	1.1	1.1	1.55
pH:	< 1	< 1	< 3
Odor:	Mild sulfide	Mild sulfide	Odorless
Appearance:	Clear, yellow liquid	Clear, yellow liquid	Clear, colorless liquid

#### **Storage**

---

Store in original containers above 40 °F.

#### **Safety**

---

Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

#### **Notice**

---

The information and recommendations, contained herein, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.