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## **ChemTools Wave Runner – Water Soluble Temporary Solder Mask**

### **Description**

**ChemTools Wave Runner – Water Soluble** is a red water-soluble polymer that cures at room temperature. This material is formulated to resist the adhesion of solder to specified areas of the circuit board during the soldering operation. After the solder operation, it can be removed with hot water (60°C) leaving no residue. Wave Runner – Water Soluble can be used with all types of fluxes.

### **Application:**

ChemTools Wave Runner is applied using the plastic squeeze bottle supplied, by cutting the nozzle to the desired bead size and applying to selected areas. It may also be applied by brush. Drying time varies according to mask thickness and relative humidity. Warm or cold dry air will quicken the drying time. Optimum coating thickness is 0.25 – 1.0 mm. For a thinner viscosity, water may be added up to 2% by weight.

### **Removal:**

ChemTools Wave Runner is completely soluble in hot water, leaving no residue on the circuit board.

### **Storage:**

ChemTools Wave Runner must be protected from freezing. Store at room temperature in an unopened container. Wave Runner has a shelf life of 12 months from date of manufacture.

**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

**Warranty:** All products purchased from or supplied by ChemTools are subject to terms and conditions set out in the contract. ChemTools warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by ChemTools is considered accurate but is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. ChemTools makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.