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## **ChemTools Wave Runner - Standard Viscosity Temporary Solder Mask**

### **Description**

**ChemTools Wave Runner – Standard Viscosity** is a green single component natural latex rubber 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. It will withstand temperatures up to 268°C during the normal soldering operation (not to exceed 5 seconds). Once this material is used to mask the circuit board from solder, it is then manually peeled off and discarded. Other applications include sealing molds, masking conformal coating areas and holding components during wave solder

### **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 will adhere to circuit boards that are clean and dry prior to application. Wave Runner cures in approximately 40 minutes at room temperature (20-25°C) and relative humidity of less than 40%. The cure time could vary according to the mask thickness and relative humidity conditions. Optimum thickness would range between 0.25 – 1.0mm.

### **Removal:**

ChemTools Wave Runner removes easily by hand or tweezers. Simply lift a corner and pull. A slight lifting action will remove Wave Runner all in one piece, leaving no residue. For best results, Wave Runner should be removed as soon as possible after the soldering and cleaning operation.

### **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.

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