



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

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Rapidstick™ 8-7400 Tamper Evident Ink/Varnish Seal

PART NUMBER	AVAILABLE SIZE	INCLUSIONS
8-7400-20R	20ml Bottle	2 x Dispensing Tips (22 gauge)

PRODUCT DESCRIPTION

Chemtools® Rapidstick™ 8-7400 Tamper Evident Ink/Varnish Seal is a red, solvent-based marking seal for electronic tuneable items, factory fixed components, screws, nuts, and other applications where evidence of unauthorised tampering or access is visibly required. It is water and moisture resistant and offers excellent flexibility.

8-7400 is ideal for tamper-proofing rotary controls to ensure that pre-set or tested parameters do not move under vibration or accidental drop. Typically, 8-7400 is used for marking potentiometers, tuneable filters, tuneable microwave devices, electronically tuneable ferroelectric devices, and RF tuneable devices.

APPLICATION

Shake the bottle before use, as some settling of the red pigment may occur during storage.

Remove the bottle cap and insert the included blue dispensing tip over the top of the tapered nozzle.

Apply to the surface of the device or component. After solvent evaporation, a red, pigmented film of organic polymer will remain.

A thin layer of seal will be tack-free within approx. 5 minutes. Thicker layers may take 6 to 10 minutes to dry.

TECHNICAL DATA

Material	Acrylic
Colour	Dark red
Water and Moisture Resistance	Excellent
Temperature Range	-55°C to +125°C
Tack Free Time	Approx. 5 minutes at room temperature (thickness dependant)
Dielectric Breakdown	> 500-volt DC/0.025mm
Dielectric Constant	3 – 4
Resistivity	> 1012 ohm/cm @ 50 VDC
Flexibility	Excellent
Adhesion	Good adhesion to a wide range of polymers and metals



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STORAGE & SHELF LIFE

This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep away from sources of sparks or ignition. Handle and open containers carefully. This product is unlikely to react or decompose under normal storage conditions.

FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use. Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.