SURTEC® 650 chromital® Touch Up Pen MP0235

Sheet No. MP0235/1

FEATURES:

Touch-up pens containing a trivalent solution, which will give a protective coating on clean, oxide-free aluminium and aluminium alloy surfaces. They are used to repair scratched and damaged surfaces, prior to painting, powder coating or gluing.
Surtec 650 is free of hazardous hexavalent chromium.
Surtec 650 complies with WEEE and RoHS.
Surtec 650 meets MIL-DTL-81706B and MIL-DTL-5541F (both for bare corrosion resistance and low electrical contact resistance).

BENEFITS:

- A rapid, simple to apply conversion treatment.
- Free of hexavalent chrome.
- Excellent corrosion protection on aluminium with or without painting.
- Used at room temperatures – with simple preparation.
- The pen-tip can be trimmed with a sharp knife to conform to any shape.
- Treated surfaces suitable for a wide range of coatings.
- Economical in use - no waste solutions to dispose of.

AVAILABILITY:

Surtec 650 Touch Up pens are available in the following packs:

6 pen box: **MP0235;** Prices can be obtained from our Sales Offices.

FLASHPOINT:

None.

STORAGE:

Shelf life of Surtec 650 pens kept in original unopened containers and stored in a cool dry area is 12 months minimum.

COVERAGE:

The rate of consumption will depend upon the coating weight obtained and the care in application.

APPLICATION:

Normally, the process sequence is:

1. Clean off heavy oils or other contamination with T Degreaser 2 (MP0113) or T Wipes 2 (MP0302).
2. Clean and deoxidise with Deoxidine 624 (MP0003). Light abrading may be a suitable option.
3. Wash off surplus deoxidiser or abrasion debris with clean water.
4. Dry the surface.
5. Apply Surtec 650 (See **NOTES** below). Contact time 2-10 minutes
6. Rinsing with water. For best results use deionised water
7. Allow to dry (see **DRYING** below).

NOTES:

(i) Avoid touching the cleaned surfaces; the use of latex gloves is recommended.
(ii) The pen nib can be shaped, by trimming with a sharp knife.
(iii) Shake the pen well, hold pen with applicator tip down and press against a firm surface to allow Surtec 650 to wet the tip. This should take about 30 – 45 seconds; the pen is then ready for use.
(iv) Apply Surtec 650 in smooth, even, strokes, making sure to cover any edges.
(v) For best results, apply an initial coating in one direction, using a 50% overlap on each pass. Allow this coat to dry and apply a second coat at right angles, again with a 50% overlap on each pass.
(vi) Do not allow pools of liquid to accumulate.
(vii) Pre-warmed surfaces will result in smoother coatings being achieved. Avoid application under cold conditions.
(viii) Ensure that the cap is replaced firmly after use.

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BATH CONTROL/ REPLENISHMENT: There are no further controls. If the cap is not replaced firmly, the pen will dry out, giving poorer performance and a loss in coverage.

EQUIPMENT: See details for the cleaners and deoxidiser given in the relevant Product Information Sheets.

FORCE DRYING: Normally, Surtec 650 is dried in a warm area of the factory. Force drying with a warm air blower or radiant heat lamp may be helpful; avoid raising the metal surface temperature above 65°C.

ENVIRONMENTAL CONSIDERATIONS: Surtec 650 contains no VOCs. The product in the applicator is acidic and contains chromium compounds. If used as described, no effluent will be generated. Exhausted pens will contain trivalent chromium componds and residual acid. They should be regarded as Special Waste and must therefore be disposed of using authorised contractors familiar with such waste.

SAFETY: Do not attempt to open or otherwise tamper with the pen.
Before use, refer to the product Safety Data Sheet.

WARRANTY: *Information provided in this leaflet is given in good faith but without warranty on the understanding that users satisfy themselves about the product's suitability for their own purpose. Our Technical Service team is available to assist in cases of doubt. Any sale by this Company is strictly subject to our Conditions of Sale.*

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