



## TECHNICAL DATA SHEET

### TROPICOAT

#### Electronique

7361 - TROPICOAT (1).doc

#### 1. OUTSTANDING FEATURES

TROPICOAT is an acrylic based varnish allowing to assure an effective protection of printed circuits and electronic sets. It is used when these sets are subjected to an aggressive environment, as the wet or dry heat, the fog, salt air.

TROPICOAT dries very quickly. Fungicide, it resists to any biologic attack. It is transparent but also exists in colored versions (RED VERNIJELT codes 8542 or GREEN VERNIJELT codes 8552). Containing a U.V tracer, the uniformity of the protection got by the TROPICOAT is easily controllable.

#### 2. TYPICAL APPLICATIONS

TROPICOAT finds its application everywhere where a high protection of the electronic and electric sets is required...

#### 3. DIRECTIONS FOR USE

TROPICOAT applies to dry and clean surfaces. Well shake the aerosol. Pulverize in 15-20 cm of distance. Let dry 15 to 30 minutes between every coat. Three coats are necessary for an effective protection.

#### 4. PHYSICAL AND CHEMICAL PROPERTIES

##### Active Ingredient :

|                         |                                                         |                               |                         |
|-------------------------|---------------------------------------------------------|-------------------------------|-------------------------|
| • Appearance :          | Colorless liquid                                        | - Smell :                     | keton                   |
| • Volume mass @ 20°C:   | 0.92 g/cm <sup>3</sup>                                  | - Viscosity in 25°C:          | 20 cP                   |
| • Electric rigidity :   | 100 kV / mm                                             | - Resistivity :               | 9x10 <sup>12</sup> ohms |
| • Dielectric constant : | 2.9                                                     | - Hardness (Persoz pendulum): | 161 sec                 |
| • Dry in the touch:     | 30 minutes                                              | - Complete Drying:            | From 12 to 24 hrs       |
| • Thinner:              | Ethyl acetate                                           | - Advised Thickness:          | 20 to 25 microns        |
| • Salt fog:             | 192 hours in saturated atmosphere                       |                               |                         |
| • Climatic resistance:  | 500 hours in 95 % of humidity in the air(sight) at 55°C |                               |                         |
| • T° of use :           | -45°C in + 140°C in continuous or 200°C sharp           |                               |                         |
| • Apply T°:             | between +15°C and + 35°C.                               |                               |                         |

#### 5. USAGE INSTRUCTIONS

Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe spray. If swallowed seek medical advice immediately and show this container or label. Use only in well ventilated areas. Use this aerosol only for the applications for which it is intended.

#### 6. PACKAGING AND STORAGE

Reference 7361 : 520 ml aerosol (12 aerosols per box).

This technical sheet was issued on 30/01/06 and cancels any previous information. The information herewith provided is based on our today's knowledge and experience. We do not guarantee the accuracy of the data and assume no liability in connection with damages incurred while using this product.

ITW Produits Chimiques 99 Quai du Docteur Dervaux 92600 ASNIÈRES SUR SEINE-FRANCE ☎ (33)1.40.80.32.32 Fax (33)1.40.80.32.30



## TECHNICAL DATA SHEET

### TROPICOAT

#### Electronique

7361 - TROPICOAT (1).doc

To protect from sun and do not expose to temperatures exceeding 50°C. Keep away from any flame or source of sparks or of ignition. Do not drill or burn after usage. Store in a dry place and in a ventilated area. Store at a temperature over 5°C.

This technical sheet was issued on 30/01/06 and cancels any previous information. The information herewith provided is based on our today's knowledge and experience. We do not guarantee the accuracy of the data and assume no liability in connection with damages incurred while using this product.

ITW Produits Chimiques 99 Quai du Docteur Dervaux 92600 ASNIÈRES SUR SEINE-FRANCE ☎ (33)1.40.80.32.32 Fax (33)1.40.80.32.30