



ISO 9001:2008 Certified Company  
"TIME TESTED PRODUCTS"  
SINCE 1972

**Zahabiya TRANSPARENT SEALER ZTS-141** is a vinyl copolymer based solvent borne clear lacquer/ sealer usable for industrial & commercial sealing problems wherever neat & clean leakage repairing or surface protection is required. It is especially useful for protecting metal surfaces from rust/ oxidation; to fill and sanitary seal pin holes, hairline cracks & minor leakage of liquids & oxidizing gases. It quickly dries into a clear, strongly bonded glossy film which is tough, non-cracking, non-peeling; shock, impact & abrasion resistant with excellent bond on both porous and non-porous surfaces. The product is used to seal leakages from narrow seams and joints in Engineering and Metal Fabrication Industry protecting metallic sheets from oxidation. The dried (cured) film is

- Tough yet non brittle.
- Weather resistant.
- Water & oil proof.
- Fair to acid & alkali attack.
- Non-corrosive, non-rusting, non-staining.
- Non-toxic, non-poisonous and safe to skin contact.
- High rust and corrosion protection property.
- Shock, impact and abrasion resistant.

#### COLOUR ODOUR

**CONSISTENCY:**  
**SPECIFIC GRAVITY:**  
**NON VOLATILES:**  
**DRYING/SEALING:**

**COMBUSTIBILITY:**  
**FLASH POINT:**  
**SERVICE TEMPERATURE:**  
**CHEMICAL BEHAVIOUR:**

**COVERAGE:**

**CLEANING:**

**APPLICATION:**

**SHELF LIFE:**

**PRECAUTION:**

Transparent in liquid as well as cured state.  
Characteristic solvent odour. However, dried film is odourless.

Free flowing liquid.  
0.97 to 1.00 at 25°C.

23 - 25% by W/W (ASTM D1644)  
ZTS-141 dries in a glossy invisible clear film within 10 minutes and cures within 12 hours. The drying process is directly affected with the atmospheric humidity. For fast curing, proper ventilation is a must (ASTM D1640).

FLAMMABLE in liquid state.  
Around 39°C (ASTM D3278).  
Can be used between 10°C to 80°C.

The dried (cured) film is insoluble in white spirit, turpentine, petroleum, mineral oils, gasoline, kerosene, fats, greases, dilute acids/ alkali and water. On prolonged contact with water, the film may absorb about 1-2% water, which will be evaporated again when allowed to dry leaving the dried film as before.

Normally for standard batches, it covers minimum 16.7m<sup>2</sup>/kg (160ft<sup>2</sup>/kg) when applied through roller on a flat non-porous (metallic) surface. However, actual coverage highly depends on the porosity/ texture of the surface, mode of application and the prevailing atmospheric conditions.

The cured coated surface may be cleaned of stains by soaked rinsed cloth with mild soapy water, or S.M.T. (White Spirit).

Applied on thoroughly cleaned dry surface by smooth clean brush, through pressurised spray system, dipping process and through Roller Coating methods.

Keep in the original containers airtight in well ventilated place at around 25°C. Use within 12 months of manufacturing date.

The product is flammable and must be used in safe and well-ventilated environment.



#### IMPORTANT NOTICE:

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our warranty is limited to the replacement of so proved defective Zahabiya original sealed product only, provided used within shelf life as supplied originally.

