



ISO 9001:2008  
Certified Company

# Zahabiya

## TRANSPARENT SEALER TS-141

### External Side Seam & Leakage Repair Sealer for Tin Cans

Zahabiya TRANSPARENT SEALER TS-141 is a vinyl copolymer based solvent borne lacquer/ sealer usable for Industrial & Commercial sealing problems wherever neat & clean leakage repairing or surface protection is required. It is a clear sealer especially usable to fill-up and seal minute pores/pin holes, hairline cracks and minor Leakages of liquids & oxidising gases. TS-141 protects metallic surfaces(both ferrous and non-ferrous) from oxidation/ rusting / corrosion. Zahabiya Transparent Sealer TS-141 dries up into a clear, transparent, strongly bonded, non-cracking, shock, impact, abrasion, weather and U/V resistant glossy sealed film.

In Metal Packaging Industries, TS-141 is specially beneficial for sealing tiny pin holes, seepage or leakages during or after the fabrication of metallic containers, drums / barrels and auto-filters etc. from top, bottom or side seam. It is also used as an external side seam welding protection lacquer to seal the surface as well as to protect from oxidation/ rusting/corrosion in cans meant for packaging of paints, varnishes, lacquers, pesticides, insecticides & food cans.

Zahabiya Transparent Sealer TS-141 is manufactured from raw materials that conforms to the requirement of FDA CFR21.300 Regulations of Indirect Food Contact.

COLOUR:	Transparent (Water White). Colour may slightly change on prolong storage. The film is completely transparent on drying.
ODOUR:	Ketonic smell in liquid state. The cured film is odour free. [ASTM D1833]
VISCOSITY:	65cp (Brookfield DV-II, Speed 100 RPM, Spindle 01, 25°C) [ASTM D2556].
DENSITY:	1.00 kg/litre at 25°C. [ASTM D1475]
NON-VOLATILE:	Non Volatile contents averages 20%. [ASTM D1644]
DRYING:	Surface Dry: 5 minutes [ASTM D1640] Tack Free: 6 minutes Hard Dry: 7 minutes Curing continues for further 12 hours and can be accelerated by drying at elevated temperatures. Please note since the product is Flammable, the wet layer should not be exposed to direct fire source.
HARDNESS:	2 ½ HB leaves the film uncut, no scratch, no crumble. [ASTM D3363]
FLEXIBILITY:	No fracture, cracking or loss of adhesion on 12.6mm Mandrel, at 30°C. [ASTM D3111]
SERVICE TEMPERATURE:	10°C to 80°C, the temperature being of the surface to be applied on.
CHEMICAL BEHAVIOUR:	The dried (Cured) film is insoluble in White Spirit, Turpentine, Petroleum, Mineral Oils, Gasoline, Kerosene [ASTM D5402], Fats, Greases, Dilute acids/Alkalis 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. The Resistance to ageing is excellent.
FLAMMABILITY:	FLAMMABLE in liquid state. Flash Point: 39°C [ASTM D93]
DILUENT:	Avoid dilution. PREFERABLY use as supplied. If necessary, dilute with Butyl Acetate or M.E.K.
COVERAGE:	about 16 m <sup>2</sup> /kg (150ft <sup>2</sup> /kg) on flat smooth metallic surface.
APPLICATION:	Can be applied through smooth clean brush or pressurised spray system,
CLEANER:	The wet coating, brush or spray system may be cleaned immediately before it dries up, with M.E.K., or Butyl Acetate. The dried layer can also be removed by the mentioned solvents.
SAFETY:	Due to high volatility, the product must be used in well-ventilated areas, away from direct fire source. The dried film is NON-TOXIC, NON-CORROSIVE & NON-POISONOUS in handling and contact.
SHELF LIFE:	To be stored at cool dry and well ventilated place in original sealed containers. Use within 12 months from the date of manufacturing. Keep container airtight after every use and mix properly before use. Zahabiya TS-141 may yellow with time, but the overall properties remain the same, provided used within shelf life.

#### 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 product only, provided used within shelf life as supplied originally.

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