

**Technical Datasheet (TD): SCHRAUBEN-SICHERUNGSLACK**  
(Screw- and thread securing/sealing-varnish)

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<u>Name of product/Package size:</u>	SCHRAUBEN-SICHERUNGSLACK in alloy-tubes of 20ml each
<u>Colours:</u>	Yellow, red, blue, green, white, grey, black, colourless/transparent
<u>Chemical characterization:</u>	Based on combination of cellulose-nitrate/alkyd-resin Free of heavy metals, dibutyl phtalate, silicone and CFCs
<u>Chemical properties:</u>	Resistant to oil, petrol and water; also to diluted acids/alkaline solutions; high mechanical strength
<u>Typical application:</u>	Sealing/locking/labelling of screws, threads, housings, boxes and all kinds of mechanical connections/fittings
<u>Pretreatment of surfaces:</u>	Surfaces must be cleaned of grease, oil, humidity and rust. Please perform compatibility tests to your application/material demands.
<u>Processing:</u>	Apply directly to fittings dropwise, use the extension-tip to reach even poorly accessible connections
<u>Drying time:</u>	Touch-dry after 5-30min highly depending on layer-thickness; completely hardened/set after 2-3 days. Please test to your individual requirements.
<u>Cleaning:</u>	Product residues+impurities are easily removed with acetone
<u>Flashpoint:</u>	25°C / Abel-Pensky-procedure
<u>Solubility in water:</u>	Insoluble
<u>State at 20°C:</u>	Viscous/liquid
<u>Density at 20°C:</u>	1,1g/cm <sup>3</sup>
<u>MAC:</u>	200ppm; 910mg/m <sup>3</sup>
<u>Ignition temperature:</u>	Approx. 200-300°C / DIN 51794
<u>Risk of fire and explosion:</u>	LEL 0,8 Vol.%; no spontaneous combustion

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<u>Regulation concerning flammable liquids (VbF/Germany):</u>	Not applicable (§2, (1) Ziffer 4)
<u>Ordinance on hazardous substances (Gefahrstoffverordnung/Germany):</u>	Flammable
<u>Transport information:</u>	Land: UN-No. 1263 30+33; No HAZMAT classification in vessels < 450 Liter; Class 3 (F1); Packing group: III, Hazard label: 3  See: UN-No. 1263; No HAZMAT classification in vessels < 30 Liter; Class: 3; Packing group: III; Marine pollutant: No EmS: F-E; S-E  Air: UN-Nr. 1263; Paint; Class 3; HAZMAT/flammable liquid; Class 3; Packing group: III
<u>Conditions for safe storage:</u>	Store under cool and dry conditions; keep away from fire, sparks, other ignition sources and strong oxidising agents!
<u>Personal protective measures:</u>	Respiratory protection not required in well-ventilated areas; avoid inhalation of fumes; ensure sufficient ventilation!
<u>Firefighting:</u>	Foam, CO2, extinguishing powder or sand, never use full water jet
<u>Accidental release measures:</u>	Absorb with binding material (e.g. sand, diatomaceous earth, acid binder, universal binder) and dispose of in accordance with the local regulations
<u>Disposal:</u>	Dispose of product residues and packaging in accordance with the local regulations
<u>Storage/shelf life:</u>	At room temperature (approx. 20°C): 1 year from delivery under cooling conditions (approx. 5°C): 4 years from delivery Storage beyond this period obliges not necessarily the disposal of the product, please test for your individual application!
<u>General remark:</u>	If handling varnish and solvents always adhere to general precautions and safety instructions. All informations of this document are gained from own studies and experience to the best of our knowledge. Due to innumerable applications and conditions we can not assume any liability for the results. For more information please refer to our SDS or contact us.