

IMPASOL® SOLVENT SR

**REMOVER OF POLYURETHANE, URETHANE, POLYESTER, ALKYD
AND VINYL RESINS
WITH RAPID EVAPORATION
REPLACES KETONE, DICHLOROMETHANE, ACETATE
AND AROMATICS**

IMPASOL® SOLVENT SR is formulated as an immediate replacement for ketone, dichloromethane, acetate and aromatics to remove and dissolve inks and polyurethane, urethane, polyester, alkyd and vinyl resins that bind to each other, greatly reducing waste. Excellent at removing adhesives from tapes. Its dissolving power also removes pigments of a large range of colours. Allows rapid colour changes without residual spectrum. Ideal for cleaning mixers, robots and guns of paints, inks and adhesives, and for removing a wide range of coatings and one-part systems. The product does not absorb dyes from resins and is reusable due to its self-cleaning property.

IMPASOL SOLVENT SR is characterized by its unique cleaning and dissolving power, unique surface tension and low odor. It evaporates very quickly and thus does not slow down the work during re-commissioning. It is adapted for cleaning with a spray or rinse cleaning machine. The use of **IMPASOL® SOLVENT SR** does not require investment in expensive washing lines, safety measures, special storage of flammable and corrosive substances, etc.

By using this product, you avoid poisonous, carcinogenic and flammable thinners. The product does not fall into the ATEX zone, it is not CMR. Significantly improves safety conditions.

- Very fast evaporation
- Anti-corrosive
- Guaranteed free of poisonous, carcinogenic and toxic substances
- Biodegradable
- Extreme removal power
- Unique surface tension
- Residue-free degreaser

IMPASOL® SOLVENT SR is recommended especially for:

- ☑ *Flushing and cleaning of cylinders and heads of machines for the production of alkyd and urethane resins*
- ☑ *Cleaning of applicators, cylinders, nozzles and diffusers contaminated with resins*
- ☑ *Cleaning of resin tanks, accessories, tanks and mixing equipment*
- ☑ *Flushing and cleaning of systems, pumps, spray guns and heads, systems and nozzles, stamps from alkyd resin deposits, inks and paints.*
- ☑ *Flushing of ink tanks in screen printing, offset printing and flexography.*
- ☑ *Cleaning brushes, rollers, tools and applicators from alkyd resins and inks.*
- ☑ *Soaking and cleaning of stainless steel rollers - removal of paint and adhesive coatings, gravure printing.*
- ☑ *Removal of stickers and labels.*
- ☑ *Cleaning of screen printing on glass, plastics, metals, textiles - spray application.*
- ☑ *Cleaning of surfaces contaminated by resins, adhesives, paints, varnishes and inks.*
- ☑ *Cleaning of screen prints and their components.*
- ☑ *Washing of resin tanks, mixing and dispensing equipment.*
- ☑ *Cleaning of production tanks and mixers - spraying and brushing. Tray cleaning for offset and flexography, printing presses and spray booths.*

Regeneration of the product can be done by distillation or sedimentation.

The distillation temperature of **IMPASOL® SOLVENT SR** at atmospheric pressure is 120-180°C.

It is best to distil under reduced pressure, operating below 150°C: at 0.2 bar (200mbar) at 85-125°C (calculated values). The length of distillation depends on the still. The most advantageous regeneration product:

IMPASOL® SOLVENT SR has a low density of 889 kg/m³ and a viscosity of 0.89. Due to its density, wetting power and surface energy, it allows dissolved impurities to settle (sediment) on the bottom of the tub during washing. Its low density and special ingredients prevent dirt from "floating" on the surface or in the solution (a problem encountered with chlorinated hydrocarbon solvents where dissolved particles settle back onto parts during removal).

IMPASOL® SOLVENT SR has been specially treated, it has the property of "shrinking impurities" into granules, therefore the most suitable and easiest product recovery is sedimentation and subsequent extraction of a clean usable product without loss of KB Index (diluent capability). This property, together with the high degreasing capacity, makes this product very well economically exploitable.

METHOD OF USE: Immersion, Immersion and mixing, Circulation, Swab, Brush, Microfibre Low pressure spraying, Soaking

CHARACTERISTICS	STANDARD	VALUE	UNIT
Appearance	Visually	Liquid	
Colour	Interne CQ 016	transparent	
Test - Copper plate corrosion 100 h at 40°C	ASTM D 130 NFM M 07015	1a	Record
Physical condition	Visually	Fluid	
KB index, solvent ability	ASTM D 1133	Measurable	[bonitation]
Refractive index of light, at 20°C	ASTM D 1218	1,4210	
Density, at 25°C	EN ISO 12 185	889	kg/m ³
Flash point in closed container	ISO 2719	32	°C
Autoignition point	ASTM E 659	>230	°C
Freezing point	ASTM D 97	-30	°C
Residue after evaporation	ASTM D 1209	0	%
Evaporation rate relative (ether=1)	DIN 53 170	24	
Vapour pressure (tension) at 20°C	NF M 07 007	0,80	kPa
Benzene content	ASTM D 4367	0	% (m/m)
Surface tension at 20°C	ISO 6295	28,9	Dynes/cm
Viscosity at 25°C	ASTM D 445	0,89	mm ² /s
Evaporation rate	NF T 30 301	10	minutes

Directions for use: **IMPASOL® SOLVENT SR** is a clean remover applicable to all types of materials. Applications are possible by spraying, dipping, rinsing, washing or soaking. Another option is to apply **IMPASOL® SOLVENT SR** and after subsequent softening and peeling of the layer, then rinse with pressurized water to quickly remove coarse contaminants (paints, varnishes, coatings), thus reducing product consumption. The removal time depends on the thickness, degree of curing (polymerization), the possible use of circulation and pressure and the temperature during removal. **SOLVENT SR** is able to remove weak coatings, coatings (5-50µm) in approximately 1 to 5 minutes. In the case of removing multiple layers of coating, this time can be even longer (1 hour or more - depending on the layers of coating).

Packaging: 5, 30 a 200 L,

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