

# 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 developed 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, thereby greatly reducing waste. Excellent for removing adhesives from tapes. Its dissolving power also removes pigments of a wide 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 variety 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 flammables and corrosives, etc.

**By using this product, you avoid toxic, 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 systems, pumps, spray guns and heads, systems and terminals, stamps from alkyd resin, ink and paint deposits.*
- ☑ *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.*
- ☑ *Cleaning of tanks for offset and flexography, printing machines 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 most suitable 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/m<sup>3</sup> and a viscosity of 0.89. **Due to its density, wetting power and surface energy, it allows dissolved dirt to settle (sediment) at the bottom of the tub during washing.** Its low density and special ingredients prevent contaminants from "floating" on the surface or in the solution (a problem encountered with chlorinated hydrocarbon solvents where dissolved particles settle back onto the 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, Tampon, Brush, Microfibre, Low pressure spraying, Soaking

| <b>CHARACTERISTICS</b>                      | <b>NORM</b>               | <b>VALUE</b> | <b>UNIT</b>        |
|---|---------------------------|--------------|--------------------|
| Appearance                                  | Visually                  | Liquid       |                    |
| Colour                                      | Interne CQ 016            | transparent  |                    |
| Test - Copper plate corrosion 100 h at 40°C | ASTM D 130<br>NFM M 07015 | 1a           | Record             |
| Physical condition                          | Visually                  | Liquid       |                    |
| KB index, solvent ability                   | ASTM D 1133               | Immeasurable | [bonitation]       |
| Refractive index of light, at 20°C          | ASTM D 1218               | 1,4210       |                    |
| Density, at 25°C                            | EN ISO 12 185             | 889          | kg/m <sup>3</sup>  |
| 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 <sup>2</sup> /s |
| Evaporation rate                            | NF T 30 301               | 10           | minutes            |

#### **Instructions 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 then rinse with pressurized water after the layer has softened and peeled off to quickly remove coarse contaminants (paints, varnishes, coatings), thereby reducing product consumption. The removal time depends on the thickness, degree of curing (polymerization), the possible use of circulation and pressure, and the removal temperature.

**IMPASOL® SOLVENT SR** is able to clean 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 and 200 litres

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