

IMPASOL[®] SOLVENT S25

Fast degreasing and removing liquid for the printing industry and mechanical engineering
**TECHNICAL REMOVER OF PAINTS,
VARNISHES, POLYMERS AND ADHESIVES**

DESCRIPTION

IMPASOL[®] SOLVENT S25 is specifically developed as a **QUICK DEGREASING THINNER** for paints, varnishes, polymers and adhesives. Replaces dangerous and carcinogen-based thinners. Removes paints based on "glycerophatalic", polyurethane, urethane alkyds, products based on polyesters, vinyls. It also removes resins very well in paints, varnishes and adhesives (including tape adhesives). Its dissolving power also removes pigments of a wide range of colors. Allows quick color changes **WITHOUT RESIDUAL SPECTRUM**. Ideal for cleaning applications of mixers, robots and guns from paints, inks and adhesives. Excellent solvent. Dissolves most resins used in paints, inks and adhesives.

Replacement for paint removers such as trichlor, perchlor and petrol with high degreasing power and evaporation rate, unique surface tension. It's a non-residual degreaser.

It is also used as a surface degreaser with optimal evaporation and a significant improvement in **adhesion to the surface**. Highly efficient and economical removal of a wide range of coatings, one-component systems, adhesive residues.

IMPASOL[®] SOLVENT S 25 IS BIODEGRADABLE. Significantly improves the safety and working conditions and protects the environment. By using it, you will avoid toxic, dangerous and flammable thinners.

IMPASOL[®] SOLVENT S 25 perfectly cleans and removes:

- **SAN copolymers**
- **Eva copolymers - Vinyls**
- **alkyds**
- **acrylics modified by alkyd resin**
- **polyester inks, varnishes, paints**

IMPASOL[®] SOLVENT S 25 absolutely meets these criteria, and thus differs from conventional removers, which are made on the basis of toxic, and flammable solvents or aggressive aqueous mixtures.

BENEFITS OF IMPASOL[®] SOLVENT S 25

- **EXTREMELY FAST**
- **COLD**
- **Fast evaporation**
- **Anticorrosive**
- **Extreme removal force**
- **Unique surface tension**
- **Non-residual degreaser**

- Guaranteed free of toxic and carcinogenic substances

IMPASOL® SOLVENT S 25 is used clean, cold. Individual parts can be cleaned by dipping, but it is best for rinsing and washing systems. The surface can then be cleaned with water under low and high pressure, which better removes residues of paints, varnishes and dirt, and thus greatly reduces economic costs.

IMPASOL® SOLVENT S 25 is applied with a cloth, brush, dipping, rinsing, in a tank, by spraying, immersion, with or without mixing (circuits). The time (duration) for cleaning surfaces (removing old paint) depends on the nature of the coating, resp. of the coating to be removed, on its thickness and degree of curing (polymerisation).

IMPASOL® SOLVENT S 25 is able to clean weak coatings (5-50µm) in approximately 1 to 5 minutes. In the case of removing more layers of paint, this time can be even longer (1 hour or more depending on the layers of coating).

The use of **IMPASOL® SOLVENT S 25** requires no subsequent investment in an expensive washing line, safety measures, special storage of combustibles and caustics, etc. It adapts very easily to any removal and degreasing process (very suitable for washing of systems, soaking and immersion baths).

IMPASOL® SOLVENT S 25 APPLICATION

- *Rinsing and cleaning of systems, pumps, spray guns and heads.*
- *Flushing and cleaning of systems, pumps, spray guns and heads for EVA and SAN copolymer equipment.*
- *Rinsing and cleaning of systems and endings from deposits of alkyd resins, gels and paints.*
- *Rinsing of ink tanks in offset printing and flexography.*
- *Rinsing and cleaning of applicators and nozzles contaminated with resins, adhesives, paints, varnishes and foams.*
- *Cleaning of brushes, rollers, tools, applicators and utensils from alkyd resins and paints.*
- *Dipping, spraying and cleaning of stainless steel cylinders - removal of coatings of paints and adhesives, gravure printing.*
- *Removing stickers and labels*
- *Cleaning of screen printing on glass, plastics, metals, textiles - spray application.*
- *Cleaning surfaces contaminated with resins, adhesives, paints, varnishes and inks.*
- *Cleaning of screen prints and their components.*
- *Washing of tanks, mixing and dosing equipment for resins.*
- *Cleaning by spraying and brushing production tanks and mixers.*
- *Cleaning of trays for printing machines*
- *Cleaning of application equipment (spray booths)*

IMPASOL® SOLVENT S 25 is especially recommended for:

- **Cleaning and rinsing of systems, pumps, spray guns and heads contaminated with varnishes, paints, adhesives and resins.**
- **Cleaning of tanks, accessories, mixing equipment from resins, paints and varnishes.**
- **Quick removal of inks and varnishes in the printing industry**

METHOD OF USE

- 👁️ Cloth
- 👁️ Immersion
- 👁️ Soaking
- 👁️ Tampon
- 👁️ Brush and paintbrush
- 👁️ Circulation
- 👁️ Immersion and mixing
- 👁️ Low pressure spraying

CHARACTERISTICS	NORM	VALUE	UNIT
Appearance	Visually	Liquid	
Color	Interne CQ 016	Transparent	
Test - Copper plate corrosion 100 h at 40 ° C	ASTM D 130 NFM M 07015	1a	Record
Physical state	Visually	Liquid	
Water dilutability		10%	
KB index, solvent ability	ASTM D 1133	160	[rating]
Refractive index of light, at 20 ° C	ASTM D 1218	1,468	
Density at 25 ° C	EN ISO 12 185	884	kg/m ³
Flash point in closed container	ISO 2719	42	°C
Auto-ignition temperature	ASTM E 659	More than 250	°C
Freezing point	ASTM D 97	-35	°C
Balance after evaporation	ASTM D 1209	0	%
Evaporation rate relative (ether = 1)	DIN 53 170	37	
Vapor pressure at 20 ° C	NF M 07 007	0,41	kPa
Surface tension at 20 ° C	ISO 6295	29,7	Dynes/cm
Viscosity at 25 ° C	ASTM D 445	0,77	mm ² /s
Evaporation rate	NF T 30 301	17	minutes
Voltage resistance	IEC 156	10 000	V

PACKAGING: 30 and 200 liters

Instructions for use:

IMPASOL® SOLVENT S 25 is a clean remover applicable to all types of materials. We clean the components by rinsing or dipping. We can also apply **IMPASOL® SOLVENT S 25** and then (after softening and peeling off the layer) rinse with pressurized water to quickly remove coarse dirt (paints, varnishes, coatings), thus also reducing the consumption of **IMPASOL® SOLVENT S 25**. The removal time depends on the strength (thickness) and the degree of curing (polymerisation), the removal temperature and, if necessary, the use of ultrasound. **IMPASOL® SOLVENT S 25 is able to clean weak coatings (5-50µm) in about 1 to 5 minutes. In the case of removing more layers of**

paint, this time can be even longer (1 hour or more depending on the layers of coating).

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