

IMPASOL[®] SOLVENT S30

SAFE DILUTING AGENT

TECHNICAL DILUTING AGENT OF CELLULOSE PAINTS, VARNISHES, POLYMERS and ADHESIVES

IT SUBSTITUTES XYLEN, IZOPROPYL ALCOHOL, ACETONE and MEK

DESCRIPTION

IMPASOL[®] SOLVENT S30 has been specially designed as **EXTRA FAST DEGREASING DILUENT** „SPECIALLY FOR CELLULOSE“. It substitutes **XYLEN** based solvents and **MEK** alloys. Specifically developed for removing of impurities and cellulose diluting and products based on cellulose (paints, inks, adhesives). It is very efficient on water diluting systems, PVA, hydroxalkyl and karboxalkyl celluloses, cellulose acetate and nitrocelluloses. It is also used as a surface degreaser with optimal evaporation and outstanding improvement in surface adhesion.

Highly effective and economical removing of wide range of paints, one-component systems, cured PVA systems by heat.

IMPASOL[®] SOLVENT S30 can be rinse with either warm or cold water under low or high pressure thereby it declines economical costs.

IMPASOL[®] SOLVENT S30 IS BIODEGRADABLE. Markedly improves safety and working conditions and protect the environment. You can avoid toxic, dangerous and flammable solvents by using

IMPASOL[®] SOLVENT S 30









HAS NONE OF THESE SYMBOLS !!



- + NO DANGER FOR THE ENVIRONMENT, 100% BIODEGRADABLE**
- + NO DANGER FOR PRODUCT USERS**
- + EXCELLENT EFFICIENCY**
- + ECONOMICAL – WASH DOWN WITH WATER**

IMPASOL[®] SOLVENT S30 entirely answers to these criteria and thereby is different from usual diluting agents made out on the basis of poisonous, toxic and flammable solvents or aggressive aqueous mixtures.

ADVANTAGES

-  **CLEANER IN A COLD**
-  **WASHABLE WITH WATER**
-  **Fast evaporation**
-  **Anticorrosive**
-  **Non-poisonous, non-carcinogenic and non-toxic substances guaranteed**
-  **Extreme removing power**
-  **Unique surface tension**
-  **Leaves no residue**

IMPASOL® SOLVENT S30 is used pure and in cold. Separate parts are possible to clean by soaking or by using ultrasound. The surface can be cleaned with water under low and high pressure (better removes paint, varnishes and impurities residues and lowers economical costs). **IMPASOL® SOLVENT S30** is applied with rag, brush, by soaking, in a tank, by spattering, immersion with or without circuits). The time of cleaning of surfaces (removing of old paints) depends on character of sediment, eventually paint which is necessary to remove. It depends on its thickness and curing degree (polymerisation).

IMPASOL® SOLVENT S30 is able to clean slight coats or paints (5-10µm) in 2-8 minutes. In case of removing of several layers of coat, the time can be prolonged (30 minutes or more depending on number of layers of coat)

Using of **IMPASOL® SOLVENT S30** does not require any successive investments into expensive conveyor wash, safety devices, special stocks of combustibles and caustic, etc. It is very easily adaptable to any removing or degreasing process (very suitable for soaking and immersing baths).

APPLICATION IMPASOL® SOLVENT S30

- Cleaning and degreasing of glass***
- Rinsing and cleaning of pump systems, spray-guns and heads.***
- Rinsing and cleaning of pump systems, spray-guns and heads at PVA equipment.***
- Rinsing and cleaning of systems and ending pieces from cellulose resins, ge an, colours sediments.***
- Rinsing of inkpots in offset printing and flexography.***
- Rinsing and cleaning of applicators and nozzles polluted by resins, adhesives, paints, varnishes and foams.***
- Cleaning of brushes, rollers, tools and applicators from cellulose resins and unpolymerized paints.***
- Soaking, spattering and cleaning of stainless steel cylinders – removing of paints and adhesives.***
- Removing of labels and tags***
- Cleaning of serigraphy from glass, plastics, metal and textile – spattering application***
- Cleaning of surfaces from resin, adhesives, paints, varnishes and inks***
- Cleaning of serigraphy and its components***
- Washing of reservoirs, tanks, mixing and dosing resin equipment***
- Cleaning by spattering and brushing of manufacturing reservoirs and mixers***
- Cleaning of cartridges for printing machines***
- Cleaning of coating equipment (spray booths)***

TECHNICAL DATA SHEET

IMPASOL® SOLVENT S30 is mainly recommended for :

- Soaking and spattering of applicators, cylinders, nozzles and diffusers contaminated by varnishes, paints, adhesives or resins
- Cleaning of chargers, equipment, tanks, mixing equipment from resins, paints, and varnishes.
- Fast removing of pains and varnishes in printing industry
- Cleaning of machine constructions from printings and paints with a rag
- Cleaning of resin application equipment and spray booths with a rag

USAGE

Rag Dipping Sponge Brush
 Circulation Dipping and mixing Low pressure
 spattering

PROPERTIES	NORMS	VALUE	UNIT
Aspect	visual	fluid	
Colour	Interne CQ 016	transparent	
Test – Copper foil corrosion 100 hrs at 40°C	ASTM D 130 NFM M 07015	1a	% mass
Physical aspect	visual	fluid	
Water dilution		100%	
Index KB, solvent ability	ASTM D 1133	Non-measurable	[classification]
Refraction index, at 20°C	ASTM D 1218	1,402	
Density at 25°C	EN ISO 12 185	921	kg/m ³
Auto-ignition point in closed vessel	ISO 2719	31	°C
Auto-ignition point	ASTM E 659	287	°C
Freezing point	ASTM D 97	-97	°C
Residuary	ASTM D 1209	0	%
Evaporating rate (ether=1)	DIN 53 170	20	
Vapour tension at 20°C	NF M 07 007	1,02	kPa
Surface tension at 20°C	ISO 6295	27,7	Dynes/cm
Viscosity at 25°C	ASTM D 445	1,7	mm ² /s
Evaporation speed	NF T 30 301	9	minutes

PACKAGING: 30 L drum and 200 L drum

Service instructions :

IMPASOL® SOLVENT S30 is pure remover usable on every kind of materials. Components can be cleaned by dipping in bath with or without circuit. It also can be applied first and then (after softening and peeling off the layer) rinse it with a water under pressure for a fast removing of raw dirt (paints, varnishes, layers) thereby cut consumption of **IMPASOL® SOLVENT S30**. The removing time depends on thickness and on level of curing (polymerisation), removing temperature and on eventual circuit usage. **IMPASOL® SOLVENT S30 is efficient in 2 – 8 minutes to clean slight layers, coats (5-10µm). In case of removing of several layers of coat, the time can be prolonged (30 minutes or more depending on number of layers of coat)**

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