

IMPASOL[®] SOLVENT S60

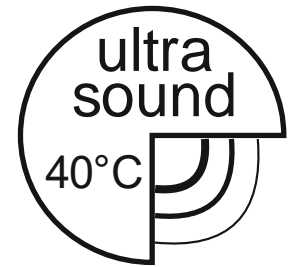
**SPECIAL RECYCLABLE COLD CLEANING AND REMOVAL LIQUID
ESPECIALLY FROM DOSING / PRODUCTION / EQUIPMENT
FOR PAINTS, INKS, VARNISHES, RESINS AND ADHESIVES
REPLACES DICHLORMETHANE, KETONES, ACETONES AND AROMATES**

IMPASOL[®] SOLVENT S 60 is specifically developed as an immediate replacement for the removal of paints, varnishes, inks and adhesives based on resin and polyurethane used in the manufacture, from mixing, dosing systems and tanks. Significantly improves safety conditions. Clearly reduces waste. Excellent casting of impurities in shallow collection tanks. Adapted for cleaning with a spray or rinse cleaning machine.

It is ideal for universal removal of resins and polyurethanes on any base and products from it (paints, inks, adhesives and products).

Highly efficient and economical removal of a wide range of coatings, one-component systems, thermosetting systems and even UV polymerization systems before the end of polymerisation. **Cleans most inks, paints, varnishes, resins, PU and adhesives before the end of POLYMERIZATION.** Very also suitable for water-based paints and systems (including latex systems).

SOLVENT S 60 with a high flash point (64 ° C) is also designed for degreasing and cleaning lubricants, greases and oils, especially from dosing / production / equipment and works perfectly in an ultrasonic dishwasher up to 40 ° C at frequencies of 25 or 40kHz.



BENEFITS

- *Extremely economical - recyclable*
- **COLD CLEANER**
- **Fast evaporation**
- **Anticorrosive**
- **Guaranteed free of toxic and carcinogenic substances**
- **Extreme removal force**
- **Unique surface tension**
- **Non-residual degreaser**
- **Especially for systems**

IMPASOL[®] SOLVENT S 60 is very effective on a wide range of products, it quickly and safely cleans systems by rinsing.

IMPASOL[®] SOLVENT S 60 is **NOT FLAMMABLE**, and thus differs from conventional removers, which are made on the basis of toxic and flammable solvents.

IMPASOL[®] SOLVENT S 60 is especially recommended for:

- *Rinsing and cleaning of systems, pumps, spray guns and heads.*
- *Rinsing and cleaning of systems, pumps, spray guns and heads for equipment for the production of PU foams.*

- *Rinsing and cleaning of systems, nozzles and endings from deposits of resins, PU and paints.*
- *Cleaning of brushes, rollers, tools, applicators and utensils from resins and unpolymerized paints.*

IMPASOL® SOLVENT S 60 is used clean, cold. Individual parts can be cleaned by dipping, but is best for rinsing and washing of 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 60 is applied with a cloth, brush, dipping, but mainly by rinsing, in a tank, by spraying, immersion, with or without mixing (circuits). The time (s) of surface cleaning (removal) depends on the nature of the coating, resp. the layer to be removed, its thickness and the degree of curing (polymerization).

IMPASOL® SOLVENT S 60 is able to clean weak coatings (5-150µm) in approximately 1 to 3 minutes. In case of removing more layers, this time can be even longer (1 hour and more depending on the coating layers).

The use of **IMPASOL® SOLVENT S 60** requires no subsequent investment in an expensive washing line, safety measures, special storage for combustibles and caustics, etc. It adapts very easily to any removal and degreasing process (very suitable for washing of systems, soaking and immersion baths).

ULTRASONIC CLEANING HOT AND COLD. It works great in an ultrasonic dishwasher up to a temperature of 40 ° C at frequencies of 25 or 40kHz. Significantly reduces removal and degreasing time.

IMPASOL® SOLVENT S 60 - removal:

- High flash point degreaser suitable for cold degreasing
- Use in a degreasing bath as well as in automatic degreasing, where it helps degreasing cultivation

IMPASOL® SOLVENT S 60 is an excellent solvent for uncured (unpolymerized) resins and polyurethanes used in production or dosing systems. Cleans most inks, paints, varnishes, resins, PU and adhesives before the end of POLYMERIZATION. Very also suitable for water-based paints and systems (including latex systems).

IMPASOL® SOLVENT S 60 quickly removes oils, lubricants and greases from systems. It is also a good solvent for silicone oils and petroleum jelly.

IMPASOL® SOLVENT S 60 – degreasing and cleaning:

IMPASOL® SOLVENT S 60 can be used to clean any surface contaminated with organic or inorganic impurities before further use, before surface treatment chemically or electrochemically, before gluing or painting.

IMPASOL® SOLVENT S 60 can also be used to wash electrical equipment and electric motors.

IMPASOL® SOLVENT S 60 - compatibility:

IMPASOL® SOLVENT S 60 is compatible with all metals, including coated or precious metals. It can also be used on thermoplastics and hard thermoplastics that do not react with organic solvents. It can also be used on composite materials (compounds).

IMPASOL® SOLVENT S 60 - does not affect glass and ceramics.

REGENERATION There are two ways to regenerate the product:

- Distillation
- Sedimentation

The distillation temperature of **IMPASOL® SOLVENT S60** at atmospheric pressure is 160-180 ° C.

It is best to distill under reduced pressure, operating below 150 ° C: at 0.2 bar (200mbar) at a temperature of 85-125 ° C (calculated values). The length of distillation depends on the distillation apparatus.

The most advantageous product regeneration:

IMPASOL® SOLVENT S60 has a low density: 878 kg / m³ and a viscosity of 3.1. **Thanks to its density, wetting force and surface energy of 27.5, it allows sedimentation of dissolved impurities during washing at the bottom of the tub.** Its low density and special ingredients prevent "dirt" from floating on the surface or in solution (a problem that can be encountered with chlorinated hydrocarbon solvents, where dissolved particles settle back on the parts during removal).

IMPASOL® SOLVENT S60 has been specially formulated for application with the property of "dirt coagulation" to the bottom, and thus the most suitable and simplest product regeneration is sedimentation and subsequent pumping of the clean product usable without loss of KB Index (diluent capacity). This feature plus high degreasing ability makes this product very economical.

METHOD OF USE ☺ Cloth ☺ Immersion ☺ Ultrasound ☺ 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
Water dilutability		6ppm	
KB index, solvent ability	ASTM D 1133	immeasurable	[rating]
Density at 25°C	EN ISO 12 185	878	kg/m ³
Flash point in closed container	ISO 2719	64	°C
Auto-ignition temperature	ASTM E 659	260	°C
Freezing point	ASTM D 97	-80	°C
Balance after evaporation	ASTM D 1209	0	%
Evaporation rate relative (ether = 1)	DIN 53 170	130	
Vapor pressure at 20 ° C	NF M 07 007	1,13	kPa
Content of aromatic	NF M 07 024	0	% v/v
Benzene content	ASTM D 4367	0	% (m/m)
Content of chlorine, sulfur, CFCs, HCFCs, chlorinated thinners, heavy metals		0	% (m/m)
Surface tension at 20 ° C	ISO 6295	27,5	Dynes/cm
Viscosity at 25 ° C	ASTM D 445	3,1	mm ² /s
Evaporation rate	NF T 30 301	59	minutes

HF SERVIS s.r.o., Plešnice 25, 330 33 Město Touškov
 Tel. : 377 279 255, E-mail: technik@hfservis.cz www.hfservis.cz
www.impasol.com