

IMPASOL® SOLVENT S60

NON-FLAMMABLE REMOVER OF PAINTS, VARNISHES, INKS AND ADHESIVES BASED ON RESINS AND POLYURETHANES FROM SYSTEMS

IMPASOL® SOLVENT S 60 is developed for the removal of paints, varnishes, inks and adhesives based on resins and polyurethanes from mixing and dispensing systems and tanks, including automatic cleaning. It can also dissolve and dilute hydrophobic greases and oils. Due to the fact that it extremely absorbs dissolved contaminants and binds them, including pigments, to itself, it perfectly cleans internal systems without causing puckering and subsequent clogging of the systems. Thanks to Solvent S60, the dissolved contaminants sink to the bottom of the tanks, thereby absolutely reducing contamination of the surfaces of the parts to be cleaned when they are removed from the tanks. The dissolved dirt can then be drained off very easily, preventing excessive contamination of the S60 product and thus significantly extending its service life.

There is a clear reduction in waste. It is also suitable for waterborne paints and systems (including latex) and even for acid ester derivatives.

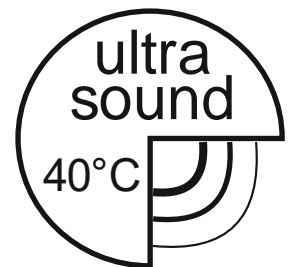
IMPASOL® SOLVENT S 60 is non-flammable, which distinguishes it from conventional removers that are based on poisonous, toxic and flammable solvents. Due to its high flash point (64°C), it is also designed for degreasing and cleaning lubricants, vaselines and oils, especially from dispensing /production/ equipment. It also dissolves silicone oils and petrolatum very well. When degreasing surfaces, it significantly reduces surface tension and thus guarantees a perfectly clean surface for further surface treatment. Reduces evaporation losses.

Can also be used for washing electrical equipment and electric motors, does not damage glass or ceramics. It can also be used on compound materials (compounds), thermoplastics and hard thermoplastics that do not react to organic solvents. It is compatible with all metals, including coated or precious metals.

IMPASOL® SOLVENT S 60 is adapted for cleaning with a spraying or rinsing cleaning machine. It cleans most inks, paints, varnishes, resins, PU and adhesives before the **end of polymerization**.

ADVANTAGES:

- Optimal evaporation
- Anti-corrosive
- Cold and hot cleaner
- Guaranteed free of poisonous, carcinogenic and toxic substances
- Biodegradable
- Recyclable
- Extreme removal power
- Unique surface tension
- Residue-free degreaser



IMPASOL® SOLVENT S 60 is recommended especially for:

- ☑ *Flushing and cleaning of systems, pumps, spray guns and heads /even for PU foam equipment/.*
- ☑ *Flushing and cleaning of systems, nozzles and nozzle ends from resin and PU deposits*
- ☑ *Cleaning of brushes, rollers, applicators and tools from resins and unpolymerised paints.*

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

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

IMPASOL® SOLVENT S60 has a low density of 878 kg/m³ and a viscosity of 2.8. **Due to its density, wetting power and surface energy of 27.5 dynes, it allows dissolved dirt to settle (sediment) on 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 parts during removal).

IMPASOL® SOLVENT S60 has been specially formulated, it has the property of "shrinking impurities" to the bottom, therefore the most suitable and easiest product recovery is sedimentation and subsequent pumping of a clean usable product without loss of KB Index (diluent capability). **This property together with the high degreasing ability makes this product very well economically exploitable.**

METHOD OF USE:

Immersion, Immersion and mixing, Circulation, Tampon, Brush, Microfiber, Low pressure spraying, Soaking, Ultrasonic

CHARACTERISTICS	NORM	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
Dilution by water		6ppm	
KB index, solvent ability	ASTM D 1133	Immeasurable	[bonitation]
Density at 25°C	EN ISO 12 185	878	kg/m³
Flash point in closed container	ISO 2719	64	°C
Auto-ignition point	ASTM E 659	260	°C
Freezing point	ASTM D 97	-80	°C
Residue after evaporation	ASTM D 1209	0	%
Evaporation rate relative (ether=1)	DIN 53 170	130	
Vapour pressure (tension) at 20°C	NF M 07 007	1,13	kPa
Aromatic content	NF M 07 024	0	% v/v
Benzene content	ASTM D 4367	0	% (m/m)
Chlorine, sulphur, CFCs, HCFCs, chlorinated diluents, 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	mm²/s
Evaporation rate	NF T 30 301	59	minutes

Instructions for use:

IMPASOL® SOLVENT S 60 is a clean remover applicable to all types of materials. Applications are possible by spraying, dipping or soaking. However, the product is mainly intended for rinsing and washing systems. The surface can also be subsequently cleaned with water under low and high pressure to better remove paint, varnish and dirt residues. The removal time depends on the nature of the deposit or layer to be removed and the degree of curing (polymerisation).

IMPASOL® SOLVENT 60 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). Works great in an ultrasonic washer up to 40°C at 25 or 40kHz.

Packaging: 5, 30 and 200 litres

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