

IMPASOL® PUsolv

**REMOVER AND CLEANER OF POLYURETHANE, POLYOL,
AND ISOCYANATE FOAMS AND COMPOSITIONS (POLYMERS)
NON-FLAMMABLE, NON-CARCINOGENIC**

IMPASOL® PUsolv has been designed as environmentally friendly, safe, and non-flammable product for removal of soft and hard **POLYURETHANE, POLYOL, AND ISOCYANATE** foams or polymers. It has been specially designed for removal of uncured as well as cured single-component, two-component, as well as three-component polyurethanes (PUR, PUD, PU, as well as PIR), polyols, and isocyanates.

IMPASOL® PUsolv is neutral, no neutralization is needed, neither from aluminium.

It provides highly efficient and cost-saving removal of a wide range of PUR foams, including use in ultrasound washers up to temperature of 60°C.

Significantly improves economic conditions due to low loss due to vaporization, and working conditions due to easy application, as well as safety conditions owing to safety and non-flammability of the product. The product may be readily used as a replacement of NMP, NEP (N-ethylpyrrolidone), or of other solvents, such as dimethylsulfoxide and dipyleneglycoldimethylether.

IMPASOL® PUsolv is not classified as substance being carcinogenic, mutagenic, and toxic for reproduction. Vapours from **IMPASOL® PUsolv** are not hazardous and malodorous, and the product is ideal for use in interiors. **IMPASOL® PUsolv** has no environmental footprint and its carbon footprint is negligible.

VOC contents 0.39 kg/kg only

The product has substantially better covering capacity compared to most removers owing to its WETTABILITY, surface tension, and optimal speed of evaporation. The use of this product allows you to avoid poisonous, carcinogenic, and flammable solvents.

IMPASOL® PUsolv is recommended in particular for:

- **Removal of layers of mixtures, components, polymers, and foams, including cured ones**
- **Rinsing and cleaning of systems, heads, nozzles, guns, and moulds for production of PU foams.**
- **Cleaning of brushes, rollers, tools, applicators, and bins**
- **Soaking and cleaning of stainless-steel rollers and roller feeders.**
- **Washing of tanks, reservoirs, mixing and dosing devices**
- **Cleaning of aluminium moulds – no neutralization is needed**

INSTRUCTIONS FOR USE:

Immersion, Immersion and agitation, Soaking, Circulation, Ultrasonic, Brush, Microfiber, Swab, Low pressure spray

CHARACTERISTICS	NORM	VALUE	UNIT
Appearance	Visually	Transparent liquid	
Colour	Interne CQ 016	Transparent	
Acidity (10% water solution)		7.65 PH	
Test – Copper plate corrosion 100h at 40°C	ASTM D 130	1a	
Dilution with water		YES	
KB index, solvent capacity	ASTM D 1133	>300	[assessment]
VOC contents		0.39	kg/kg
Density at 25°C	EN ISO 12 185	960	kg/m ³
Flash point in closed container	ISO 2719	89	°C
Self-ignition point	ASTM E 659	>200	°C
Freezing point	ASTM D 97	-55	°C
Evaporation residue	ASTM D 1209	<1	%

Instructions for use:

IMPASOL® PU_{sol}v is a clean non-flammable remover. Washing, rinsing, or soaking application possible. A preferable application includes **soaking of disassembled components (e.g., guns)** followed by rinsing in water (also pressurized) after softening and layer peeling off for quick removal of gross impurities to reduce product consumption. The removal time depends on thickness and curing level (polymerization), temperature at the moment of removal, and use of mechanical removal, if any.

IMPASOL® PU_{sol}v can remove thin coats or layers (5-150 µm) roughly in 5 to 35 minutes. Said time may be longer (1 hour or more, depending on number of coating layers) when removing multiple layers or a thick layer.

ULTRASOUND HOT AND COLD CLEANING:

Performs well in an ultrasound washer up to 60°C at 25kHz or 40kHz frequencies. Substantially reduces removal time.

Packaging: 5, 30, and 200 liters

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