

# IMPASOL<sup>®</sup> SPEED

**NON-FLAMMABLE DEGREASER**  
**„SPECIALLY FOR SURFACE PREPARATION BEFORE THE NEXT**  
**APPLICATION IN CLOSED SPACES“**  
**EXCELLENT EVAPORATION RATE – 5 MINUTES**  
**IDEAL FOR ELECTRONICS AND OPTICS**  
**INERT FOR PLASTICS**  
**ANTICORROSIVE**

**IMPASOL<sup>®</sup> SPEED** is developed as a **FAST NON-FLAMMABLE DEGREASER** totally different from classical hydrocarbons and diluents.

**Removes and degreases** mineral, plant and animal lubricants, oils, preservative oils and waxes, adhesives, inks, paints, putties and difficult to remove dirt (residues of uncured adhesives, putties, paints and lacquers) before the next surface finish. Ideal for degreasing of plastics for its neutrality, specially for thermoplastics and electronic components.

**IMPASOL<sup>®</sup> SPEED** solves toxicological and fire problems. Is substitute for degreasers like acetone, alcohol (isopropyl alcohol), benzene and diluents. Its use avoids poisonous, dangerous and flammable diluents.

**IMPASOL<sup>®</sup> SPEED** is non-residue degreaser with high degreasing power, with **FAST** evaporation (5minutes) and significant improving adhesion to the surface, unique surface tension.

- + Very fast evaporation
- + **IS NOT FLAMMABLE**
- + Anticorrosive
- + Safe on plastics
- + Guaranteed without poisonous, carcinogenic and toxic substances
- + **Big removal power**
- + Unique surface tension
- + Non-residue degreaser
- + Without aggressive odor

**100% BIODEGRADABLE**

**IMPASOL<sup>®</sup> SPEED** absolutely respond these criteria, and thus is different from ordinary degreasers and removers, which are made based on poisonous, toxic and flammable solvents or aggressive aqueous mixtures.

## **Combustibility.**

**HAS NOT** flash point in closed container according to ISO 2719.

## **Odor.**

**IMPASOL<sup>®</sup> SPEED** is without aggressive odor. It has mild citrus odor. Has not any poignant and irritant odor like chlorinated solvents. **IMPASOL<sup>®</sup> SPEED** significantly improves ergonomic conditions in pent and stuffy spaces.

### Evaporatin rate.

**IMPASOL® SPEED** has evaporation rate similar to it evaporaiion rate of toluene. At room temperature it evaporates less and the loss due to evaporation is minimal. **IMPASOL® SPEED** is isotropic and its evaporation rate is stable.

**Dissolution power.** With KB index 34 **IMPASOL® SPEED** well dissolves most oils and lubricants.

Thinner	Evaporatio n rate	Dissolution power	Odor	Flash point
<b>IMPASOL® SPEED</b>	5 min	<b>+ + +</b>	<b>LOW</b>	<b>HAS NOT</b>
Technical petrol	7 min	<b>+ + +</b>	Extra high	- 11°C
Acetone	50 sec	<b>+ + +</b>	Extra high	- 18°C
MEK	1 min 20	<b>+ +</b>	Extra high	-9°C
Toluene	4 min	<b>+ + +</b>	Extra high	4°C
Xylen	10 min	<b>+ +</b>	High	24°C
Perchlorethylen	8-10 min	<b>+ + +</b>	High	Without
Trichlorethylen	4 min	<b>+ + +</b>	High	Without

### Degreasing.

**IMPASOL® SPEED** is excellent solvent for pure or emulsion oils, whether mineral or synthetic, which are used to lubricate or modify metals. It is ideal to remove greases and fats. Removes adhesive residues from tapes. Removes some incompletely dried colors. **IMPASOL® SPEED** extremely quickly removes oils or waxes preservatives products used for temporary protection.

**It is paricularly suitable for surfaces prepared for painting or dyeing and in the electronics and optical industries.**

### Cleaning.

**IMPASOL® SPEED** replaces dangerous acetones and benzines in many cleaning applications. Thanks its power is excellent for dilution , removing and cleaning the colors.

**IMPASOL® SPEED** is used to clean all surfaces from organic or inorganic pollution before construction, storage, before surface treatment chemical or electrochemical, before gluing or dying, berore chemical or electrochemical surface treatment.

**IMPASOL® SPEED** does not affect bakelite, LDPE, HDPE, polyamides, polybutadienes, polyethylenes, polypropylenes, PTFE, PVC including products from synthetic rubber (resins) and thermoplastics and termodur. Further, it does not affect butadiene nitriles, isobutanes/isopropenes, polyakrylates, polychlorophenyls, RTV and VITON silicone resins and elastomers.

**IMPASOL® SPEED** is used clean, cold. **IMPASOL® SPEED** is applied with cloth, brush, spraying. Surface cleaning time depends on the nature of the deposit, which needs to be removed and on its thickness.

#### METHOD OF USE

☺ Cloth    ☺ Tampon    ☺ Brush    ☺ Low-pressure spraying    ☺ Ultrazvuk

CHARACTERISTICS	NORM	VALUE	UNIT
Looks	Visually	Liquid	
Color	Interne CQ 016	Transparent	
Test - Copper plate corrosion 100 h in 40°C	ASTM D 130 NFM M 07015	1a	Record
Physical state	Visually	Liquid	
Water dilutability		minimally	
Index KB, the ability of the solvent	ASTM D 1133	34	[bonitace]
Density at 25°C	EN ISO 12 185	750	kg/m <sup>3</sup>
Flash point in closed container	ISO 2719	NON	°C
Boiling point		60-170	°C
Self-ignition point	ASTM E 659	> 200	°C
Freezing point	ASTM D 97	-72	°C
The residue after evaporaion	ASTM D 1209	0	%
Pressure (tension) vapor at 20°C	NF M 07 007	0,79	kPa
Surface tension at 20°C	ISO 6295	25	Dynes/cm
Viscosity at 25°C	ASTM D 445	0,82	mm <sup>2</sup> /s
Evaporation rate	NF T 30 301	5	minutes

**PACKAGING** : 30, 200 a 1000 liters

**HF SERVIS** s.r.o., Plešnice 25, 330 33 Město Touškov

Tel.: 377 279 255, Fax.: 377 279 260,

E-mail: [technik@hfservis.cz](mailto:technik@hfservis.cz), [hfservis@hfservis.cz](mailto:hfservis@hfservis.cz)

[www.hfservis.cz](http://www.hfservis.cz)