

# TECHNICAL DATA SHEET

## IMPASOL® SAFETY

*Fast degreasing and removing fluid suitable for industry and engineering*

### DESCRIPTION

**IMPASOL® SAFETY** replaces dangerous, irritable, toxic and cancerogenic thinners and degreasers. It removes mineral, vegetable and animal fats, oils, preserving oils and waxes, adhesives, inks, paints, cements, resins and hardly removable dirt before another surface treatment.

**IMPASOL® SAFETY** is **biodegradable**. It markedly improves safety and working conditions and protects the environment.

### ADVANTAGES

- Non-flammable**
- Ideal evaporation speed**
- Anticorrosive**
- Compatible with most plastics and elastomers**
- Non-toxic and non-cancerogenic guaranteed**
- Extreme evaporation speed**
- Unique surface tension**
- Non-residual degreaser**
- Without any aggressive odour**

**IMPASOL® SAFETY** is not labelled by any of these symbols!



**NO HARM TO THE ENVIRONMENT**

**IMPASOL® SAFETY** is very effective in:

- ENGINEERING**
  - Surface degreasing and cleaning before another surface treatment (painting, varnishing, enamelling, plastics coating etc.)
  - Excellent oil, lubricant (anti-size and silicones), preserving oils and waxes solvent
- PLASTIC INDUSTRY**
  - Non residual cleaning and degreasing of forms from preserving oils and waxes (even silicon)
- ELECTRIC INDUSTRY**
  - It can be used together on every degreasing and cleaning operations on electric equipment

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## IMPASOL<sup>®</sup> SAFETY

### SURFACE TREATMENT BEFORE PAINTING, BONDING AND LUBRICANT APPLICATION

- It guarantees non residual surface cleaning before another surface treatment
- It markedly increases the surface adhesion
- It can be used for preparing of surfaces made out of metals, plastics, composites and elastomers
- Ideal for removing of organic and inorganic traces before another treatment
- It does not contain any kind of stabiliser and does not evoke surface oxidation

**IMPASOL<sup>®</sup> SAFETY** is used pure and cold. It is possible to clean single parts manually, by cloth, by dipping and also by rinsing and washing. The time concerning the surface cleaning (removing of old paints) depends on the type of paint layer which has to be removed, its thickness and a level of curing (polymerisation).

**IMPASOL<sup>®</sup> SAFETY** is capable in 0,3 to 3 minutes clean very thin layers (5-500µm). In case of removing of more layers this time could be prolonged (5 minutes and more depending on number of layers).

### WAY OF USAGE

- Cloth
- Dipping
- Soaking
- Sponge
- Brush
- Circulation
- Immersion and mixing
- Low pressure spattering

PROPERTIES	NORM	VALUE	UNIT
Aspect	Visual	Liquid	
Colour	Intern CQ 016	Clear	
Test – copper plate corrosion 100 h at 40°C	ASTM D 130	1a	Note
Physical content	Visual	Liquid	
Adulterate		Partially	
KB Index, solvent capability	ASTM D 1133	120	[evaluation]
Density at 25°C	EN ISO 12 185	892	kg/m <sup>3</sup>
Flash point, closed up	ISO 2719	32	°C
Boiling point		More than 120	°C
Freezing point	ASTM D 97	-35	°C
Residue after evaporation	ASTM D 1209	0	%
Vapour tension at 20°C	NF M 07 007	1,15	kPa
Surface tension at 20°C	ISO 6295	27	Dynes/cm
Viscosity at 25°C	ASTM D 445	0,916	mm <sup>2</sup> /s
Evaporation speed	NF T 30 301	6-7	minutes

**PACKAGING:** 30L bulk and 200L drum

**HF MARKET s.r.o.**, Plešnice 25, 330 33 Město Touškov Tel.: 377 279 255, Fax.: 377 279 260,  
E-mail: [technik@hfmarket.cz](mailto:technik@hfmarket.cz), [www.hfmarket.cz](http://www.hfmarket.cz)