



CLEANING

PROMOCLEAN™ TP 188

STRIPPING OF CURED OR POLYMERISED SUBSTANCES
 AQUEOUS IMMERSION, FLUSHING & SOLVENT CO-SOLVENT PROCESS
 ENVIRONMENTAL FRIENDLY SUBSTITUTION FOR NMP & CHLORINATED SOLVENTS

BENEFITS

PROMOCLEAN TP 188 is especially designed to strip hard to remove cured or polymerized substances like varnishes, resins, paints, glues, inks & lacquers. Thanks to its high solubility in organic solvents as in water, PROMOCLEAN TP 188 can be used in aqueous immersion & flushing processes but also in a separated co-solvent process. Having no pH, the cleaning media will not damage sensitive metals or alloys and is safe to use. It's a product which is usually used pure but can also be diluted with DI water for certain applications (e.g. ink removal).

Regarding sustainability, PROMOCLEAN TP 188 does not contain CMR, aromatic solvents or chlorinated compounds such as n-methyl pyrrolidone, benzene or methylene chloride.

PERFORMANCE	<ul style="list-style-type: none"> Can remove many cured substances in high quantity Efficient from ambient temperature to 70° C Versatile process application
COST	<ul style="list-style-type: none"> High solubility spectrum: only 1 products needed to remove different types of substances Long bath-life : can be filtered & re-used Low volatility which reduces consumption
HSE	<ul style="list-style-type: none"> Non-toxic & no CMR substances Low environmental impact: no chlorinated waste High flash point which reduces flammability risk

SPECIFICATIONS

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Aspect	Yellow	Visual
Density at 20°C (g/ml)	1,040 ± 0,010	BRY-MO-028
Water content (%weight)	<0,3	BRY-MO-044

CHARACTERISTICS

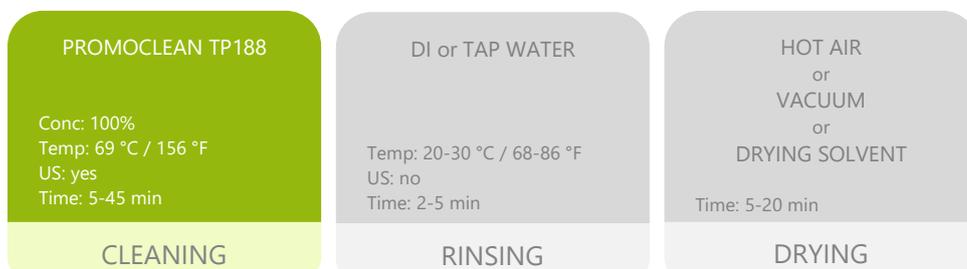
CHARACTERISTICS	VALUES
Solubility in water	Total
Solubility in alcohol	Total
Flash Point (°C / °F)	+ 84°C / + 183°F

PROCESS RECOMMENDATION

The best process will depend on factors such as operating conditions (in particular the time between the complete polymerization and the cleaning operation), equipment, desired cleaning time and the nature of contaminants. Our team is ready to advise you.

PROCESS EXAMPLE

Resin removal in aqueous process



Resin removal in separated co-solvent process



- Compatibility report of PROMOCLEAN TP 188 with different materials is available on request.

PACKAGING, STORAGE & SHELF LIFE

- Keep products in closed original packaging and store at room temperature.
- Shelf life is minimum 18 months from production date when kept in recommended conditions.

AVAILABLE PACKAGING



25 Kg CANISTER



210 Kg DRUM

HEALTH, SAFETY & ENVIRONMENT

Contains no Reach Substances (on Candidate list, Annex XIV & XVII) / Contains no persistent organic pollutant (EC 850/2004) / Contains no Import/Export Hazardous substances (EU 649/ 2012)

It is biodegradable according to regulation 648/2004 but must be neutralized and filtered before disposal in sewer system in accordance with local regulations. Neutralization and titration methods are available upon request.

Please refer always to the Safety Data Sheet (SDS or MSDS) prior to use. Our SDS can be downloaded at www.quickfds.com. We will request to provide your email address, so we can automatically send you a new version of the SDS when a future update would occur.

TECHNICAL SUPPORT & FREE-OF-CHARGE TESTING

Inventec has a worldwide dedicated Technical Support team to help you along the different stages of our cooperation.

Depending on your request, we provide online or onsite support

- to select the right product based on your specific needs
- to assist you in your product qualification process
- to guide you with the initial set up of you process at all your worldwide manufacturing facilities
- to provide fast response on technical issues which could occur at any time during mass production.

Customers are also welcome in our CLEANING CENTERS to see the process in action and to get convinced by our solutions. We cover water- and solvent based processes.

Inventec is unique in the world by developing not only cleaning materials but also soldering and coating solutions. These materials are very closely linked with each other from a process point of view. Talking to our Technical Team, who understands very well these 3 different product groups, will help you greatly to overcome technical challenges within your overall process.

Contact our technical support via contact@inventec.dehon.com or your local sales representative.

ABOUT INVENTEC

Inventec is a global provider of SOLDERING, CLEANING & COATING materials for Electronic, Semiconductor and Industrial applications. For over 40 years we have shown leadership in innovation by putting HEALTH IMPACT, SUSTAINABILITY and RELIABILITY at the core of our product development.

With ISO 9001 & 14001 production sites in France, Switzerland, USA, Mexico, Malaysia and China we can guarantee a smooth and cost-effective supply chain.

We supply to many industries but the excellent performance of our products in applications which demand high reliability, leads us to focus especially on the AUTOMOTIVE, AEROSPACE, SEMICONDUCTOR, ENERGY and MEDICAL industry.

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S O L D E R I N G • C L E A N I N G • C O A T I N G

In accordance with the Annex II of Directive 2011/65/UE (RoHS), including its amendments, we certify that this product does not contains quantities above 0.1% of Hg, Pb, Cr VI, PBB, PBDE, DEHP, BBP, DBP, DIBP and above 0.01% of Cd

This data is based on information that the manufacturer believes to be reliable and offered in good faith. In no event will INVENTEC PERFORMANCE CHEMICALS be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

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