



# POSTPROCESS

Automated. Intelligent. Comprehensive.

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# proto3000

ISO 9001:2015

# CHEMISTRY Solutions

**FORMULATED FOR ADDITIVE MATERIALS.**

As the pioneer of the automated post-processing industry, PostProcess' patented chemistry solutions for 3D printed parts are unmatched. Our proprietary detergents are developed for high performance and safe handling. Formulated specifically for additive manufacturing, our detergents offer a more sustainable solution to traditional solvents used for post-processing, and deliver faster throughput and more consistent results, which have been validated by 3D printing OEMs and material manufacturers worldwide.



## SUPPORT REMOVAL

PostProcess pre-mixed detergents optimize the removal of supports while leaving the build material in perfect condition. Whether removing support material from FDM, wax, or PolyJet materials, our chemistries are formulated specifically for each application.

## RESIN REMOVAL

PostProcess's automated resin removal solutions reduce post-processing steps by up to 50%, cleaning full trays in under 10 minutes, enabling higher throughput and optimally finished 3D printed parts. With new resins validated regularly by PostProcess, clean all your 3D-printed parts with our biocompatible cleaning detergent\*.

## POSTPROCESS PROPRIETARY DETERGENTS

**Resin & Support Removal**

- DEMI 400
- DEMI 800
- DEMI 900
- DEMI 4000

**Support Removal**

- BASE
- VORSA

**Surface Finish**

- RADOR

**Metal Surface Finishing**

- DECI DUO

**Other**

- Auxiliary
- Anti-Foam
- Cleaners
- Rinses

Product	Properties	Print Technologies
PLM-101-SUB	aqueous, caustic	PolyJet, Mimaki
PLM-202-SUB	aqueous, caustic	FDM
PLM-403-SUB	biocompatible, organic	Resins, Elastomers
PLM-405-SUB	aqueous, acidic, organic	Ceramic-Filled Resins
PLM-601-SUB	organic	Wax
PLM-201-SPRAY	aqueous, caustic	FDM
PLM-202-SPRAY	aqueous	FDM
PLM-203-SPRAY	aqueous	Polymers, Metals
PLM-001-SURF	aqueous	Metals
PLM-001-DUO	aqueous	Metals
AUX-001-CLEAN		All Print Technologies
AUX-001-DEFOAM		All Print Technologies

Legend:

- organic (green)
- aqueous (blue)
- acidic (yellow)
- biocompatible (purple)
- caustic (orange)

**NOTE:** PostProcess Technologies detergents are specifically formulated chemistry for maximized 3D printed support removal efficiency. It is recommended that the equipment be located in a well ventilated room. Specific ventilation requirements can vary widely due to size of the install room, existing ventilation (positive or negative) and differences in individual sensitivities to airborne scents or fragrances. For more information on the safe use of PostProcess detergents refer to the SDS for the specific detergent used.

\* PostProcess resin removal detergent PLM-403-SUB complies with ISO standard 10993 for evaluation of biocompatibility.

# SURFACE FINISHING Solutions

## ADDITIVE SURFACE FINISHING SOLUTIONS.

Our surface finishing media, available in different density and grit, ensure the desired finish and end product surface roughness ( $R_a$ ) for all print materials. With abrasive and polishing options, our comprehensive solutions are designed to work with the media to accurately deliver the correct amount of energy to produce the desired end result.

Below are examples of the media options for the PostProcess polymer & media surface finishing solutions.

MEDIA:	Grit	Finish	Media Attrition Rate
	M-CAT	Coarse	Matte Medium
	M-CAT-L	Coarse	Matte High
	M-CAT-S	Coarse	Matte Medium
	M-SPC	Fine	Matte Low
	PAM2	Fine	Matte Low
	UPM-1	Fine	Semi-Gloss Very Low
	UPM-2	Fine	Semi-Gloss Very Low

**MEDIA CLEANING AGENT: PLM-001-SURF [All Materials]**