

## 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

Category	Detergent Name	Properties	Compatible Materials		
Resin & Support Removal	DEMI 400	aqueous, caustic	- PolyJet - Mimaki		
	DEMI 800				
	DEMI 900				
	DEMI 4000				
Support Removal	BASE	aqueous, caustic	- FDM		
	VORSA				
Surface Finish	RADOR	aqueous, caustic	- Resins - Elastomers		
	PLM-101-SUB			organic, aqueous, acidic	- Ceramic-Filled Resins - Wax
	PLM-202-SUB			aqueous, caustic	
	PLM-403-SUB			biocompatible, caustic	
	PLM-405-SUB			aqueous, acidic	
PLM-601-SUB	organic				
Metal Surface Finishing	DECI DUO	aqueous, caustic	- FDM		
	PLM-201-SPRAY				
	PLM-202-SPRAY				
Other	Auxiliary	aqueous, caustic	- Polymers - Metals		
	Anti-Foam				
	Cleaners				
Other	Rinses	aqueous, caustic	- Metals		
	PLM-001-SURF				
Other	PLM-001-DUO	aqueous, caustic	- All Print Technologies		
	AUX-001-CLEAN				
Other	AUX-001-DEFOAM	aqueous, caustic	- All Print Technologies		

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.

## 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.

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

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