

PRODUCT CATALOG 2020

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Icon legend

 Roadfreight permitted	 Roadfreight prohibited
 Seafreight permitted	 Seafreight prohibited
 Airfreight permitted	 Airfreight prohibited
 Store below 25°C	 No requirements regarding storage temperature
 Store dry	 No requirements regarding storage moisture
 Store away from sun & UV-light	 No requirements regarding sun & UV-light
 Disposal via household waste	 Disposal via household waste prohibited
 Recycling possible	 Recycling not possible
 Disposal at waste collection center	

ACCESSORIES

ACETONE
ISOPROPANOL
RESIN CLEANER

ACETONE

Available in	SKU
1L	3DB-AC-1L

Acetone is a high-volatility, flammable, colorless, clear liquid to smooth certain 3D printing materials, with specially designed devices like the Zortrax APOLLER. Acetone works with ABS, ASA and HIPS filaments to erase the streak effect of 3D printing. In addition to giving a finished look, a smoothing post-treatment with this type of solvent allows to improve the mechanical characteristics of printed part; to improve the tightness of printed parts; avoid friction on sliding or moving parts

Acetone should only be used by professionals with a suitable device such as the Zortrax APOLLER or a suitable ventilation system. Because of its rapid evaporation, it dries quickly. Therefore, the container should not be open longer than necessary.

Application

for smoothing ABS, ASA and HIPS filament

Wear gloves to handle Acetone. Follow the guide of the smoothing machine manufacturer.

Dangerous good according to Regulation 1272/2008

UN Number	1090
Limited Quantity	≤1L
GHS Symbols	02 + 07
Signal word	Danger
Hazard Statements	H225 + H319 + H336 + H373
Precaution Statements	P210 + P235 + P260 + P305+351+338

Technical Data

Chemical color	clear
odor	typical solvent
Chemical Formula	C_3H_6O
CAS Number	67-64-1
Chemical Type	Solvent
Density	0.785 g/cm ³ (20°C)

Disposal of acetone

Acetone and the container must be disposed of as special waste (paints and varnishes) at the local waste collection point.



Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
12M				29141100	Austria

ISOPROPANOL



Available in	SKU
1L	3DB-ISO-1L

Isopropanol is a highly-volatile, flammable, colorless, clear liquid that is used in FDM 3D printing for cleaning components, build plates and for smoothing certain materials. For SLA and DLP prints Isopropanol can be used to remove and dissolve uncured resin from 3D prints. Because of its rapid evaporation, it dries quickly. Therefore, the container should not be open longer than necessary.

Application

for cleaning build plates and components

For good results diluted to 70% isopropanol and 30% distilled water.

for smoothing FDM 3D prints

Follow the instructions of the smoothing device manufacturer.

for removing uncured Resin from SLA or DLP

Wear gloves to handle resin cleaner. Submerging the finished print in the resin cleaner for 1 to 5 minutes. Check every minute on the process and shake the model in the solution to enhance the removal. After the successful removal of uncured resin, let the model dry and cure according to manufacturer guidelines.

Dangerous good according to Regulation 1272/2008

UN Number	1219
Limited Quantity	≤1L
GHS Symbols	02 + 07
Signal word	Danger
Hazard Statements	H225 + H319 + H336
Precaution Statements	P210 + P261 + P305+351+338

Technical Data

Chemical color	clear
odor	typical
Chemical Formula	C ₃ H ₈ O
CAS Number	67-63-0
Chemical Type	Solvent
Density	0.786 g/cm ³ (20°C)

Disposal of isopropanol

Isopropanol must be disposed of as special waste (paints and varnishes) at the local waste collection point.

Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
12 M				29051220	Austria

RESIN CLEANER

Available in	SKU
1L	3DB-RC-DPM-1L
5L	3DB-RC-DPM-5L

Resin cleaner Dipropylenglycolmethylether (DPM) is a low-volatility, non-flammable, colorless, clear liquid to remove uncured resin from SLA and DLP 3D prints. The solvent is powerful and works quickly. Depending on the resin the wash solution can leave a waxy surface which will be removed by post curing or after a few days. Resin cleaner DPM is not suitable for biocompatible resin.

Application

for removing uncured Resin from SLA or DLP

Wear gloves to handle resin cleaner. Submerging the finished print in the resin cleaner for 10 to 15 minutes. Check every few minutes on the process and shake the model in the solution to enhance the removal. After the successful removal rinse in water or IPA. Allow parts to dry for at least 30 minutes after washing to allow the solvent to fully evaporate from part surfaces. Ensure appropriate ventilation while the solvent evaporates. Cure according to manufacturer guidelines.

Not a dangerous good according to Regulation 1272/2008

General precautions

Keep away from children. Wear protective gloves and eye protection. May cause skin irritation, allergic skin reaction. If on skin: wash with plenty of water. Keep the work area well ventilated and avoid breathing in vapors.

Technical Data

Chemical color	clear
odor	weak
Chemical Formula	$C_7H_{16}O_3$
CAS Number	34590-94-8
Chemical Type	Solvent
Density	0.95 g/cm ³ (20°C)

Disposal of resin cleaner

Resin cleaner and container need to be disposed of at an appropriate waste treatment site.



Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
12M				29094900	Austria

TOOLS

RESIN FILTER

RESIN FILTER

Available in	SKU
10 pieces	3DB-RF-10

Resin filter are paper funnel with integrated 125µm mesh to filter cured particles from resin.

Application

for removing cured resin particle

Wear gloves when handling resin. If available, place Resin bottle on a silicone mat and use a PP funnel to stable the filter. Pour the resin slowly from the resin tank of the 3D printer through the filter into the bottle.

Disposal of resin filter

To dispose of used resin filter let the resin cure under UV light. Disposal of fully cured resin filter is possible through household waste.



Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
24M	  	  	  	29051220	Austria & China

ADHESIVES

BUILDPLATE ADHESIVE for PLA, PET-G & FLEX

BUILDPLATE ADHESIVE

for PLA, PET-G & FLEX

Available in	SKU
50ml	3DB-BA-PLA-50ml

Buildplate adhesive for PLA, PET-G & FLEX is a water-based powerful adhesive for FDM 3D printer to eliminate warping. Due to the thermal shrinking and internal stress during cool down the 3D printed part can lift off the build plate. An appropriate buildplate adhesive secures the first layer of the print to the build plate.



Application

for securing a 3D print to the build plate

Only apply on a clean and cold glass build plate. Release liquid by pressing against the build plate and distribute in circular motions. Apply thin even layer for best results. Let dry during the heat-up process. To remove residue, use warm water.

Not a dangerous good according to Regulation 1272/2008

General precautions

Contains 1,2-benzisothiazol-3(2H)-one; 2-methyl-2H-isothiazol-3-one; reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1): May produce an allergic reaction. Wear protective gloves and eye protection. If on skin: wash with plenty of water.

Technical Data

Chemical color	white
odor	similar to glue
Chemical Type	Adhesive

Disposal of buildplate adhesive

If possible, use container until empty. Leftover liquid can be left to dry out. Dry leftovers can be disposed of with household waste.

Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
24M	  	  	  	39051200	Austria

RESIN

RESIN BASIC

RESIN BASIC

Available in	SKU
1L	3DB-RS-BASIC-1L

Resin basic is a high-quality made in Austria resin. Resin basic is optimized for a UV light source of 395 - 405 nm. Fast cure time: 8 - 12 seconds per layer for fast prints. The natural color after curing is a beige natural. Resin basic can be colored with 3D-basics.com Resin color ampoule. After curing, the result is a rock hard print with very little shrinkage.

Application

for SLA or DLP prints

Wear gloves to handle resin. Pour the Resin into the resin tank. Keep the bottle only open for as long as necessary.

To remove uncured resin from the model use resin cleaner or isopropanol. Cure the clean model under UV-light or a dedicated curing station. Unused resin should be filtered with a resin filter and poured back into the bottle for storage.

Dangerous good according to Regulation 1272/2008

General precautions

Keep away from children. Wear protective gloves and eye protection. May cause skin irritation, allergic skin reaction. If on skin: wash with plenty of water. Keep the work area well ventilated and avoid breathing in vapors.

Technical Data

Chemical color	clear
odor	weak
Chemical Formula	$C_7H_{16}O_3$
CAS Number	34590-94-8
Chemical Type	Solvent
Density	0.95 g/cm ³ (20°C)

Disposal of resin cleaner

Resin cleaner and container need to be disposed of at an appropriate waste treatment site.

Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
12M				29051220	Austria

RESIN BASIC

Available in	SKU
1L	3DB-RS-BASIC-1L

Resin filter are paper funnel with integrated 125µm mesh to filter cured particle from resin.

Application

for removing cured resin particle

Wear gloves to handle resin. If available place Resin bottle on a silicone mat and use a silicone funnel to stable the filter. Pour the resin slowly from the resin tank of the 3D printer throught he filter. To dispose used resin filter let the resin cure and

Not a dangerous good according to Regulation 1272/2008

Keep away from children. May cause skin irritation, allergic skin reaction. Keep work area well ventilated and avoid breathing in vapours. Wear protective gloves and eye protection. If on skin: wash with plenty of water.

Shelf life	Transportation	Storage	Disposal	HS Code	Produced in
12M	  	  	  	29051220	Austria
