

SILPAK, Inc

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FILLER

Fillers are used to alter form and function of resins. Some may decrease shrinkage, increase or decrease weight, assist in roto-casting, add thermo-conductive properties for vacuum forming, or alter appearance. Many types of filler are versatile and offer one or more benefits. Recommended levels of additional filler are based on Total Resin Weight—A + B. Fillers are premixed to the A-side of mixture prior to blending both components. *Example:* Total Resin Weight is 200 Grams. Using THERMOLITE @ 50% ratio, we add 100 Grams to mixture. ***Properly store all fillers in airtight, sealed containers to avoid moisture contamination.***

ALUMINUM TRIHYDRATE (ATH)

Filler used in Polyester, Epoxy and Urethane resins for fire retardancy.

AP-120 - ATOMIZED POWDER

Buffable, fine mesh powder used to create a polish pewter appearance in resins. Recommended level - 100%.

CC-200

Limestone filler (off white color, fine particle size) used to lower cost and add weight to urethane and polyester resins. Recommended levels 50-200%.

GAP-25

Grey aluminum powder mixture of thermal conductive powders used to decrease thermal distortion, lower shrink, and increase hardness in urethane resins. Add ratios 50-200% by weight. GREAT FOR VACUUM FORM TOOLING @ 50 to 100% by weight ratio.

FUMED SILICA

Thickening Agent added to Urethane, Silicone, Epoxy and Polyester Resins. Create trowelable paste-like consistencies at high loading levels.

GF-3000 - GLASS FILLER

Surface treated, high-density glass filler. Good extender for creating greater scratch resistant surface and reducing shrinkage for master pieces. Recommended levels 100-200%.

GRANITE POWDER

Unique filler that can be added to Clear/Translucent Epoxy, Polyester and Polyurethane Resins. Add 150-200% . Green, Red, Pewter, Luxury Black are available.

HGF-100 – HOLLOW GLASS SPHERES

Low-density filler used to create lightweight pieces, reduce shrinkage, and make more machinable. Recommended levels 5% -10%. (8.75 LB. CUBIC FEET)

METAL POWDERS Bronze (CB-21) Copper (CC-11) Gold (CG-10) Pewter (AP 120) Silver (CS 73)

Used in resins to create beautiful polished "Cold Cast" metal sculptures or castings. Buff and polish the metallic castings and see the amazing results. Recommended levels 200 - 300%.

MP-200 - MARBLE POWDER

Simulated White Marble. Recommended levels 50-200%.

PE-380F - MINI FIBERS

Used to reinforce and thicken both RTV rubbers and resins for brush-up applications. ***BETTER THAN CAB-O-SIL AND STRONGER THAN CHOPPED FIBERGLASS STRANDS.*** Recommended level 5% - 10% by weight.

PROLITE FR 50 (*Formally—THERMOLITE*)

Fly ash powder that reduces weight, improves paint adhesion, lowers exotherm and aids in roto-casting. Excellent as a release when casting hot white metal in silicone molds. Recommended levels 50% to resin weight.

WHITING #2 – UV master batch additive to stop "White" color loss in Silcast II and Quickcast resins. Add 20-30% to A side only.

THE INFORMATION AND DATA CONTAINED HEREIN ARE BASED ON INFORMATION WE BELIEVE RELIABLE. EACH USER OF THE MATERIAL SHOULD THOROUGHLY TEST ANY APPLICATION AND INDEPENDENTLY CONCLUDE SATISFACTORY PERFORMANCE BEFORE COMMERCIALIZING. SUGGESTIONS OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT.