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Technical Sheet MOLD RELEASE

Mold releases aid in the separation of two surfaces that need to be pulled apart. When casting, a mold release may be required depending on what the mold is made of as well as what material is to be casted. See Chart below for appropriate mold release selection. **Note: SILICONE MOLDS do not require a release when casting, but release helps add to mold longevity.

		MOLD MATERIAL					
		Silicone	Epoxy	Fiberglass Tool	Plaster	Urethane RTV Rubber	Metal
Silicone		MR 150	MR 150 *Test if Using Platinum RTV	MR 150 *Test if Using Platinum RTV	MR 150	NONE *Do Not Use Platinum RTV	MR150 *Do Not Use Platinum RTV
CASTING MATERIAL	Epoxy	ER 2300	HI-TEMP WAX & PVA	HI-TEMP WAX & PVA	HI-TEMP WAX	ER 2300	HI-TEMP WAX
	Plaster & Concrete	NONE	PARTALL # 2	PARTALL #2	PARTALL #2	MR 100-50* Recommended	PARTALL #2
	Polyurethane Plastic	ER 2300 MR515	MR 515	MR 515	HI-TEMP WAX	MR 515	HI-TEMP WAX
	Polyurethane Rigid Foam	ER 2300	HI-TEMP WAX	HI-TEMP WAX	HI-TEMP WAX	NOT RECOMMENDED	Paste WAX
	Polyurethane Flex Foam	ER 2300	Paste WAX	Paste WAX	WAX	NOT RECOMMENDED	Paste WAX
	Low Melt Metal	PRO-LITE FR	NOT RECOMMENDED	NOT RECOMMENDED	HI-TEMP WAX & Prolite	NOT RECOMMENDED	NOT RECOMMENDED
	PVC	NONE	NONE	NOT RECOMMENDED	E-35	NOT RECOMMENDED	E-35
	Polyester	ER 2300	HI-TEMP WAX & PVA	HI-TEMP WAX & PVA	NOT RECOMMENDED	NOT RECOMMENDED	HI-TEMP WAX & PVA
	Urethane RTV Rubber	ER 2300 MR515 *Use Platinum RTV	ER 2300 MR515	ER 2300 MR515	ER 2300 MR515	ER 2300	ER 2300 MR515

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.