

SILPAK, Inc

470 E. BONITA AVE., POMONA, CA 91767
PH (909) 625-0056 WWW.SILPAK.COM FX (909) 625-0082

RELEASE AGENTS

Mold Releases are used to aid in the release of a part when casting from a mold made of rubber, hard plastic or metal. **Parting Agents** are used to separate a mold from a master pattern during the moldmaking process.

Note: Some releases can leave residue therefore casted parts must be cleaned off before any finishing is done.

CM RELEASE: High Solids, Non-Hazardous Paraffin Based Mold Release for **Concrete** parts from Urethane and Latex Rubber molds. Spray into molds just before casting. (Available in 1 and 5 Gallons)

CO-1: Castor Oil casting release used on Latex Molds when casting concrete parts. It is usually diluted with Alcohol @ 4 parts to 1 part Oil. (Available in Quart, 1 and 5 Gallons)

E-35: Water Based Silicone Mold Release used in warm or hot tools when molding Organic Rubber parts. (Available in 1 and 5 gallons)

E-60: High Solids, Water Based Silicone Mold Release and Water Proofing Agent for Organic Rubbers, Leather, Injection Plastic, and Vinyl. Can be extended with water. (Available in 1 and 5 Gallons)

ER-2300 & MR-515: **General Purpose** Mold Release when casting Epoxy, Urethane and Polyester Resin parts. Since these releases transfer to a part's surface, castings need cleaning before finishing. **Note:** This release also helps to extend the mold life of Silicone RTV molds by lubricating the mold's surface. *It's also an excellent Parting Agent when making Urethane Rubber Molds.* MR-515 is a higher concentration of release and is recommended when ER-2300 fails to release properly. **DO NOT USE for Silicone to Silicone.** (Available in Aerosol spray)

MC #14 Pre-Mix: Silicone/Solvent Based Release in used to maximize mold life. Sprayed only once at the end of each day and allowed to overnight dry. *Will not transfer to parts.* (Available in Gallon sizes for Local Pick-up and MC #14 a/b Concentrate for UPS shipping)

MOLD MASTER SOLUTION: Used to aid Light Cure Inhibition when using Platinum Silicone RTV. Brushed or sprayed onto model's surface and allowed to dry for 10-15 minutes just before pouring RTV. (Available in Pint, Quart, Gallon)

MR-100-50: *Silicone free*, Water soluble Mold Release used in Urethane, Latex or Silicone Rubber Molds when casting **Concrete** products. Apply straight or diluted with up to 5 parts of water. Lightly apply by brush or spray. No need to dry before casting. (Available in 1 and 5 Gallon)

MR-150: Parting Agent used to aid in the de-molding of Silicone and Urethane RTV Molds from Porous Masters made of wood, plaster, or stone. ****Use when making Multi-Part Silicone Molds.** (Available in Aerosol spray, 1 and 5 Gallon)

MR-150-50: Thick, Brush- On Parting Agent for Heavily Porous Surfaces. Use like MR-150. (Available only 1 and 5 Gallon)

CT-88H: Teflon Mold Release for Epoxy, Urethane, Silicone, Polyester, and Thermoset Plastics. This release does not transfer to the casted part under normal conditions. (Available in spray cans only)

PARTALL FILM #10: Polyvinyl Alcohol Release (PVA) coating for Fiberglass and Epoxy parts in Hard Tooling. Dries to a thin paper like film barrier and washes off with hot soapy water. Use as a removable sealer for porous surfaces. ****Used in conjunction with Paste Wax #2.** (Available in pint, quart, 1 and 5 Gallon)

PASTE WAX RELEASES: General Purpose (**PARTALL Paste #2**) or High Temperature 350F (**PARTALL Hi-Temp**) applications. (Available in Pint and Gallon)

R-101: Silicone Resin 100% solids can be diluted with I.P.A for an excellent Mold Release when casting Urethane parts from Hard or Soft Tools. (Available in Pint, Quart, 1 and 5 Gallon)

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. SUGGESTION OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT