

SILPAK, Inc

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

Concrete & Plaster Release

MR-100-50

Product Data Sheet

MR-100-50 is a non-silicone, water-soluble release compound designed for aiding in the demolding of concrete and plaster castings from rubber molds and used where lubrication of surface is needed.

ADVANTAGES

- Easy to Apply—Simply apply by brushing or spraying into mold surface
- Very Effective—Minimizes “air bubbles” in Concrete and Plaster castings
- Economical- May be extended with water up to 5 Parts
- Does not build up on molds and affect surface finish
- Extends Rubber Mold Life especially from Highly Alkali Concrete mixes

CHARACTERISTICS

Color and Appearance: Clear Yellowish Liquid

Percentage Solids: 10%

Viscosity @ 25C, in CST, Approximately: 50 cst

Density @ 25C, Approximately: 0.99

Flash Point: 212 F

EXTENDING RELEASE

If desired, MR-100-50 can be extended with water up to 1 part Release to 5 parts Water. Mix thoroughly by hand—**AVOID SHAKING** that may cause unwanted foaming of mixture especially if dilution ratio is high—and apply. The treatment cycles will vary according to the operation of conditions, casting materials and the shape of the molds. For heavy aggregate concrete mixes, it is recommended to dilute release less: 1 part Release to 2 parts water. Adjust ratio to satisfactory results.

Mix only the amount needed for the application since mixture will separate. Remember to re-mix before applying.

IPA alcohol may be added to MR-100-50 for quicker dry time: 100% Release to 30% IPA.

METHOD OF USE:

Ensure molds are clean and completely free of grease prior to application. Apply release thoroughly by brushing, wiping (cloth or sponge), or spraying into mold surface. No need to dry before casting. In general, one application is sufficient for several de-moldings, but recommend testing for conclusive results.

Do Not Allow Release to Puddle & Do Not Over Apply

FINISHING TOUCHES FOR CASTINGS

If the casted parts are to be glued, painted, or printed, it is necessary to remove any release residue by flushing the surface with warm water.

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 ANY PARTICULAR PATENT.