

#9005A - MICRO MOLY

BONDED MOLY DRY FILM LUBRICANT molybdenum disulfide

TYPICAL PHYSICAL CHARACTERISTICS

Lubrication, Load Capacity	140,000 PSI
Air Exposure, /F	-250
Maximum Functional Limits	
Oxygen Free Environment, /F	2,000
Air Exposure, /F	750
Residue from Binder @ High Temperatures	Soft Carbon Dust
Particle Size	Dispersion Grade
Coefficient of Friction	0.03 - 0.06
Net Weight per Aerosol	13oz (368g)
Net Volume per Aerosol	20oz
Color	Dark Gray

Chem-Pak's #9005A, Micro Moly, provides a thin, quick dry coating of molybdenum disulfide that clings to the surface with a blend of organic and inorganic binders. When applied to clean metal, it fills all microscopic metal pores in the metal surface. After surfaces are loaded, the moly takes on a compacted nature to greatly reduce friction under high load conditions. **Micro Moly** contains no oil, grease or graphite and is suitable for use as a release coating for molding applications.

USES: Pre-lubrication coating on high temperature mechanisms, assembly lubricant, press fit lube, and many other applications involving metal to metal high pressure points. Casting molds, oven hardware, cams followers, rollers, chain cable, open gears, threaded

fasteners, slides, latches, locks, pins bearings, press fits, as a break-in lube on bearings, and for many other applications.

DIRECTIONS: Shake can well before use. Can temperature should be 65/F or warmer. (**WARNING:** *Never use direct heat to warm aerosol cans! Only warm water should be used!*)

Clean surfaces before application and spray area to be lubricated. Permit to dry for a few minutes before use. Coated parts can be baked for 10 minutes at 250-300/F to achieve ideal durability and adhesion.

Available in 12/13 oz. aerosols.

SHEET #9005A.5 (1/01)