

JMN SPECIALTIES, INC.

1100 Victory Drive - Westwego, LA 70094

PO Box 189 - Westwego, LA 70096



PRODUCT BULLETIN

LIQUID MOLY 210

Air Drying MoS₂ Dry Film Lubricant

General Description

LIQUID MOLY 210 offers excellent extreme-pressure lubrication in a *non-chlorinated system* that air dries in as little as five minutes. **LIQUID MOLY 210** provides superior extreme-pressure lubrication and requires little or no surface pretreatment. **LIQUID MOLY 210** exhibits excellent adhesion for most substrates, especially metals. Ultra-thin films vary from 0.2 to 0.5 mils and provide high lubricity and excellent release properties.

Surface Preparation / Application / Curing

Substrates should be clean and dry. A solvent wipe or vapor degreasing and air dry is usually sufficient, however, sandblasting, phosphating or chemical etching will generally increase adhesion and wear properties. Stir product before application. **LIQUID MOLY 210** can be applied by standard spray, brush, or dip methods, whichever is best for the job. Coatings air dry in 5 to 10 minutes and are then ready for use. When applied during periods of high humidity, the coating may become mottled in color. This does not affect performance. *This product meets the specifications noted in MIL-L-46147B, Type 1.*

Physical Properties

Color	Light to Dark Gray
Fluid Component	Anhydrous Isopropyl Alcohol
Density	7.20 - 7.50 lbs./gal
Flash Point	52° F
Lubricant	Molybdenum Disulfide
Coefficient of Friction	0.23 (Static)
Service Temperature	390° F
Intermittent Temperature	660° F
Shelf Life	12 months under original seal

Dilutions

For best results, use **LIQUID MOLY 210** as provided. If dilution is required or desired, commercial alcohols, esters, or ketones may be used.

Availability

LIQUID MOLY 210 is available in UN approved 1 gallon cans, 5 gallon pails, and 55 gallon drums.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.