



Surface Technologies

MAGNAFILM 31

Magnafilm 31 is a solvent cutback indoor rust preventative that gives up to 1 year indoor protection.

Description : Magnafilm 31 is a brownish liquid petroleum solvent containing rust inhibitors and special additives.

Technical data :

Flash point : 105⁰F./40.5⁰C. T.C.C.

Film Thickness : 0.11 mils

So. Gr. : 0.800 @ 60⁰F. Typical

Note : Magnafilm 31 should not be applied to non-metallic parts such as those fabricated of rubber, cork, paper and leather fabric or plastic. Some of these materials may be adversely affected.

Storage : do not freeze. Material separates when frozen. Store in a warm place. If frozen warm to 70⁰F to restore material to its original form.

Advantages :

- * used cold-no heat needed
- * completely displaces water
- * easily applied by dip, brush, or coarse spray
- * protective film dries soft-won't run or wick
- * film will expand and contract with the metal surface-will not crack
- * thin, transparent film does not interfere with visual inspection or reading of identifying marks

Application : Magnafilm 31 should always be applied to clean surfaces. Application may be made by brush or spray at temperatures of 40⁰F. to 95⁰F./4⁰C. to 35⁰C. When practical, dipping is preferred since it assures complete coverage. Magnafilm 31 should be applied as quick as possible after cleaning. After application, the solvent should be allowed to fully evaporate before the parts are handle, package or stored.

Because Magnafilm 31 will displace water, it can be applied to part directly after a water rinse or those wet with a soluble oil or even that have been accidentally wet with water. Be sure, however, to dump out trapped water in blind holes and cavities.

Removal : Removal of Magnafilm 31 is not normally necessary as the film compatible

with most lubricating oils. However, if removal is necessary, Magnafilm 31 can be removed with any quality petroleum or alkaline product.

Precautions : combustible. Contains petroleum distillate. Store and use away from heat, sparks and open flame, and in a well-ventilated area. Avoid prolonged breathing of vapors. Protect skin and eyes from contact with this product-may cause irritation. Harmful if swallowed. Keep out of reach of children.



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The above information is based on practical experience but should be adapted to varying conditions and circumstances and is thus without obligation.