



RUST PREVENTIVES

DATAFILE

DURACOTE 307

DURACOTE 307 is a solvent-based, water displacing rust preventive that will dry quickly to leave a very light oily film. It is an excellent preservative for between operations and indoor storage of metal parts. DURACOTE 307 is amber in color, but upon evaporation, the resulting protective film is colorless. DURACOTE 307 may be used to protect both ferrous and non-ferrous metals without staining.

TYPICAL PHYSICAL PROPERTIES

| | | | | | |
|------------------------------|---|---|---|---|------------------------|
| Viscosity, SUS @ 100F | . | . | . | . | 35 |
| Density | . | . | . | . | 0.804(6.7 lb. /gal.) |
| Flash Point,(TCC),Deg.F,min. | . | . | . | . | 140F |
| Film Type | . | . | . | . | Thin grease film |
| Film Thickness | . | . | . | . | 0.0005 in. |
| Typical Coverage | . | . | . | . | 2000 sq./ft.per Gallon |

TYPICAL PROTECTIVE PROPERTIES.

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| Water Displacement, Method; MIL-C-16173E Grade 3 | . | . | . | . | Compliant |
| Humidity Cabinet, ASTM D-1748 | . | . | . | . | 30 day min. |
| Indoor Storage | . | . | . | . | 6 - 8 months |

WHEN TO USE

- * After wet tumbling operations
- * After cleaning in alkaline or acidic cleaners
- * As rust preventive dip on parts after black oxide or phosphate conversion process
- * For temporary indoor protection for parts between machining or grinding operations

APPLICATION

DURACOTE 307 is formulated to be used as supplied. Thinning will affect film build, dry time and product performance. The maximum performance of this product can be achieved only when the metal surfaces are clean, and are free of rust and mil scale. Maxim recommends that the ambient and product temperature be 40 - 95 degrees F at the time of application. Apply by conventional dip, spray or brush. In dip operations, displaced water will collect in the bottom of the tank and should be drained and discarded periodically to assure proper performance. Take great caution with spray applications. DURACOTE 307 is solvent based and could ignite if aspirated in the presence of a source of ignition. Never apply heat or fire as explosion may result. Please read and understand Material Safety Data Sheet before the handling or use of this product.

DURACOTE 307 DATA continued

Notice: This material is regulated may be banned in California's South Coast Air Quality Management District (AQMD) per rule 1144 as it exhibits a flash point below 200F and may have a VOC greater than 300mg/l. This product should not be offered, sold, shipped to, or used within the AQMD.

REMOVAL

DURACOTE 307 can be easily removed with mineral spirits or similar petroleum solvent, vapor degreasing, low pressure steam, or hot alkaline wash such as Maxim's DURACLEAN 215 alkaline cleaner.

CAUTION

DURACOTE 307 cures by solvent evaporation as it is a combustible liquid in its solvated form. Keep away from excessive heat, open flames and sparks. Use only with adequate ventilation. Adequate ventilation is required for proper cure and to ensure against formation of an explosive atmosphere. The partially cured film should not be exposed to ignition sources such as flares, flames, sparks, excessive heat or torches. Refer to MSDS for additional handling and first aid information.

FIRST AID

| | | |
|--------------|---|---------------------------------|
| Skin contact | - | Wash with soap and water |
| Eye contact | - | Flush with water for 15 minutes |
| Ingestion | - | Do not induce vomiting. |

Consult Physician if symptoms persist.

Packaging

- * DURACOTE 307 is available in 55 gallon steel drums and bulk quantities.
- * DOT Shipper Name: Combustible Liquid N.O.S.
- * Shipping Classification: Rust Preventive Compound, Solvent- N.O.S. Not DOT regulated in containers of 119 gallons or less.

DURACOTE 307 is also available with an "H" notation as "DURACOTE 307-H" indicating the addition of a material to enhance performance with regards to adhesion of the material to the protected parts.

For addition information, product samples, etc., please contact:

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