

# 775

## MOISTURE SHIELD

### APPLICATION AREAS

- *Metal Protection*
- *Parts in Transit*
- *Parts in Storage*
- *Moist Environments*
- *Marine*



Before using this product, please refer to Safety Data Sheet (SDS).



## PRODUCT DATA SHEET

### KEY FEATURES AND BENEFITS

- Moisture displacement
- Transparent film
- Excellent corrosion protection
- Penetrates fine tolerances
- Protects new metal from corrosion
- Conforms to MIL-C-16173D corrosion preventative Grade 3
- NSF H2 Registration number 134015 (aerosol)

### PACKAGING

Aerosol  
20 L  
208 L

### DIRECTIONS

Chesterton 775 Moisture Shield can be applied by spraying, brushing, dipping or wiping. Test on sample of same material to insure compatibility. Reapply as needed. Remove product prior to plating or coating. Product is easily removed with either solvent based degreasers such as Chesterton 274 Industrial Degreaser or water based products such as Chesterton 803 Industrial and Machine Solvent II.

### DESCRIPTION

Chesterton® 775 Moisture Shield is a moisture displacing, clear protective coating that protects parts and equipment from corrosion for months. Sprayed on bare metal, it leaves a lubricative film that resists oxidation and prevents flash rusting during storage and transit. The product quickly penetrates into working joints to provide protection from moisture and condensation. It actually dries out metal by displacing or creeping under moisture present on parts without affecting electrical characteristics. It is highly effective after floods and in humid conditions. With the increased emphasis on water soluble machining fluids and aqueous degreasing systems, concern has arisen as to the protection of parts and equipment from flash rusting while in storage. A quick dip in 775 Moisture Shield leaves a thin film which will protect for months indoors\* against dirt, corrosion and fingerprinting.

\* When long term protection is desired, use Chesterton® 740 Heavy Duty Rust Guard.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, straw
Flash Point (ASTM D 93, DIN 51 755) as received	66°C (150°F)
Specific Gravity	0.8
Viscosity @ 38°C (100°F) (ASTM D 445, DIN 51 561)	1 – 2 cps
Dry Time @ 21°C (70°F)	3 hours
Corrosion Protection:	
100% Humidity, 38°C (100°F)	30 days minimum
20% Salt Spray, 35°C (95°F) (ASTM B 117, DIN 50 021)	50 hours minimum
Coverage	29.5 m <sup>2</sup> /l (1200 ft <sup>2</sup> /gal)
Recommend Film Thickness	
Wet	0.9 mils (23 microns)
Dry	0.15 mil (4 microns)
Application Temperature	10°C – 43°C (50°F – 110°F)
Operating Temperature	-29°C – 66°C (-20°F – 150°F)
Coefficient of Friction	0.174