

CT 502 (ODORLESS)

VANISHING OIL FOR DRAWING, FORMING AND ROLL FORMING

▶ PRODUCT DESCRIPTION

CT 502 is a fast evaporating thin film lubricant or “vanishing oil” that is particularly useful in the drawing, forming, and roll forming of light gauge aluminum, steel, copper, brass, and aluminized and galvanized steel.

CT 502 consists of two phases: (1) a solvent carrier and (2) a lubricating phase. The product is transparent and crystal clear “as received” and is formulated for use “as received,” particularly where elimination of after-cleaning is considered desirable or expedient.

▶ FEATURED BENEFITS

- High level of lubricity for forming operation
- Excellent wetting and penetrating properties
- Transparent, crystal clear, and odorless
- No residual film — 100% volatile

▶ APPROVALS

- Not compliant for California SCAQMD Rule 1144

APPLICATION



COMPATIBLE METALS

Steel
Aluminum
Galvanized Steel
Aluminized Steel
Copper

OPERATION/APPLICATION METHOD

Spray
Brush
Roller
Immersion

OPERATING TEMPERATURE

Ambient

RECOMMENDED DILUTION RANGE

Neat

FOAMING CHARACTERISTICS

None

RUST PROTECTION

Provides in process corrosion protection, for long term protection, an oil based RP should be applied.





TYPICAL PROPERTIES

Fluid Type	Solvent based
Appearance	Colorless
Odor	None
Specific Gravity, 60°F (15.6°C)	.778
Weight, 60°F (15.6°C)	6.48 lbs/gal.
Flash Point	120°F (48.9°C)
Boiling Point Range	318° to 383°F (158.9° to 195°C)
Vapor Pressure @ 68°F (20°C)	2.6 mm Hg
Solubility in water	Nil
Evaporation rate (N-butyl acetate = 1)	.013
VOC, ASTM E 1868	770.9 grams/liter

PRODUCT APPLICATION / USAGE

CT 502 is normally applied by spray, but can also be applied by roller coat, brush, or dip. The product is recommended for the forming of light gauge aluminized, galvanized, enameled, or lacquered parts. It is also suitable as a rubber mold release agent. Additionally, CT 502 is used as a transparent, non-tacky lubricant for nylon rollers in the drape and curtain industry and the cleaning and lubricating of metal and plastics stamping dies prior to internal, on-the-shelf interim storage.

PRODUCT CODE

4601000000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).