Laserguard CPS

Product Code: 2343025
Revised Date: 05/02/2006

Laserguard CPS

GENERAL DESCRIPTION

Laserguard CPS is a water-soluble lubricant/inhibitor used to impart a thin film to any copper alloy where both lubricity and corrosion protection is required.

Laserguard CPS is free of: phosphates, chromates, nitrites, and nitrates.

Laserguard CPS is a liquid of low viscosity, and can be used at full strength or diluted with water. The lubricating film, upon drying, leaves a clear, shiny surface.

PHYSICAL DATA

Specific gravity: 1.03
Vapor pressure: ..... n/a
Solubility in water.....complete
Appearance and odor: .....light yellow with a sweet odor
pH: ..... (conc) 7.5-8.5

ADVANTAGES

* Clean finish.
* No draw marks or scratched decorative surfaces.
* Equipment easily cleaned with water. No solvents required.
* Used at room temperature to 150 F.
* Non-flammable product - no fire hazard.
* Provides tarnish resistance on brass and copper work.

Note

When **Laserguard CPS** is applied by spray, a hood should be provided. However, this is mostly to comply with local regulations.

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P.O. Box 790 ● Waterbury, CT 06720-0790● Tel: (203) 756-5521 ● Fax: (203) 756-9017
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APPLICATIONS

A common usage of **Laserguard CPS** is to provide lubricity or sliding action to fasteners such as screws, pins, connectors, bolts and for wire coiling applications. **Laserguard CPS** is especially indicated where conventional oils or waxes are undesirable or cannot be tolerated.

Concentrations for this application may range from 2 to 25% (vol) with water, for immersion application. After immersion in the **Laserguard CPS** solution, the parts are best dried, by hot air rotary drum drier or vibratory trays. Centrifugal drying may be used, but this is not the preferred method. A heated working solution can also be used to facilitate drying.

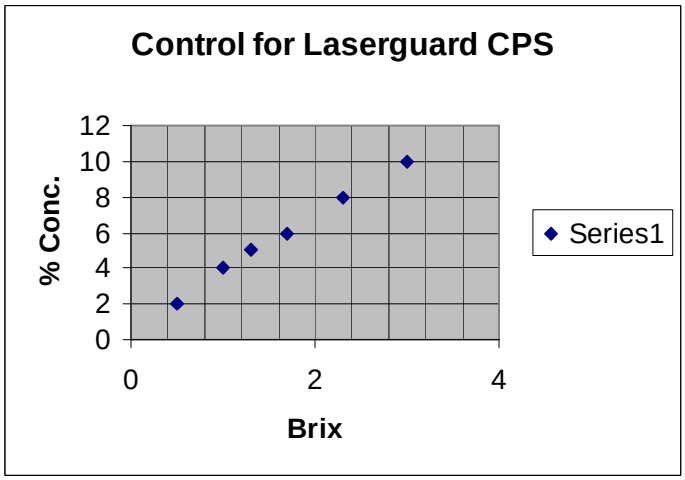
CONTROL METHOD

Equipment:

- Brix refractometer 0 – 10°

Data:

Brix	% Conc.
0.5	2
1	4
1.3	5
1.7	6
2.3	8
3	10



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DISPOSAL

Discharge to a disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

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