



Product Data Sheet: ELKN-T08L1120118A

***FastKcoat® T-08L1 Benign water-borne lubricating sealer***

– for the corrosion resistance and lubricity of passivated galvanized metals

**Characteristics:**

1. Excellent dry hand.
2. Excellent corrosion resistance.
3. Economical and Dilutable for use.
4. Chromate (Cr<sup>6+</sup> & Cr<sup>3+</sup>)-free, conforming to RoHS & VOC regulations.
5. Easy to use
6. Non-inflammable, non-toxic, and pollution free.

**Description:**

**FastKcoat® T-08L1** is an excellent, aqueous lubricating sealer for galvanized substrates, to combine the effects of corrosion resistance and abrasion resistance. With its pH value at 10, **FastKcoat® T-08L1** is suitable to use in neutral or weakly alkaline conditions.

**FastKcoat® T-08L1** works efficiently and effectively on passivated, galvanized metal pieces with respect to the corrosion resistance. In practice, depending on the requirements of anti-corrosion target, **FastKcoat® T-08L1** can be diluted readily with deionized water before applying onto metal surfaces, to match the required performance at competitive cost. As a start of trial, we suggest to dilute **FastKcoat® T-08L1** to 1/10 its original concentration and apply it onto galvanized substrates, to test its lubricity and corrosion resistance. Then a ladder test can be tried until the final performance matches the target.

Under normal conditions, the metal pieces are to be rinsed with water, before dipping in the solution of **FastKcoat® T-08L1** or its diluted form, followed by drying at ambient temperature and by forced dry. It is recommended to monitor and maintain the pH value of the solution during and after use, in order to prevail the consistent performance.

In general, the lubricity of the metal pieces treated with **FastKcoat® T-08L1** can be enhanced significantly.

Furthermore, **FastKcoat® T-08L1** contains no chrome (Cr<sup>6+</sup> and Cr<sup>3+</sup>) or other hazardous ingredients and conformed to the ever more stringent regulations, such as RoHS and VOC, etc., **FastKcoat® T-08L1** can be a reliable material for the long term development.

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### Specifications:

Appearance::	Light emulsified, translucent solution
Chemical Type:	Special complexed hybrid solution
Sp. gravity , gm/ml , 25°C:	1.01 ± 0.01
pH Value:	10.0 ± 1.0

### Suggetions:

1. Preparation: Dilute **FastKoat**<sup>®</sup> T-08L1 readily with proper amount of deionized water at room temperature in a holding tank, preferably of plastic or stainless steel type.
2. In Use: Closely monitor and control the pH value of diluted **FastKoat**<sup>®</sup> T-08L1 solution on-line in the range of 6~8, and its non-volatile within 10% of its initially prepared concentration. To avoid any potential contamination, the galvanized metal pieces should be rinsed thoroughly before contact with the **FastKoat**<sup>®</sup> T-08L1 solution.
3. After Use: A daily filtration of the prepared **FastKoat**<sup>®</sup> T-08L1 after use is highly recommended, to remove any contaminated impurities. The holding tank containing the **FastKoat**<sup>®</sup> T-08L1 solutions has to be covered after use. The containers and tools in contact with the **FastKoat**<sup>®</sup> T-08L1 have to be cleaned with water immediately after use.

### Packages:

20 kilograms in PE plastic pails or 200 kilograms in PE plastic drums ◦

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