



# Eco Quest K-2086

## **Advanced surface Prep & Bonding Treatment**

2086 is an advanced surface preparation which provides both cleaning and bonding treatment for surfaces of all metals and plastics. Provides an exceptional level of bonding and anti-corrosion properties under coatings. Used to replace conventional pretreatments of Iron or Zinc Phosphate.

2086 provides a superior surface which is more receptive to painting and coatings. Provides enhanced bonding of all types of coatings. Effective for aluminum and galvanize metals also. Dry in place coating that crosslinks with the base metal and topcoat for excellent adhesion and corrosion protection.

2086 is cost effective. Non chromated, biodegradable. 2086 provides significant cost saving advantages by reducing energy consumption and disposal costs while improving process performance and eliminating phosphates and related chemicals from your process.

## **Features & Benefits**

- Easy To Control. Simple Titration.
- Replaces Convention Iron Phosphate Pretreatments
- Operates At A Wide Chemical Use Range. (.5 - 10 % By Volume)
- Excellent Performance With Paints, Sealers, Adhesives And Powder Coating.
- Cleans And Prepares For Bonding On Steel, Zinc-galvanize, Aluminum And
- Plastic Surfaces. Can Be Used In Spray And Immersion Applications.

## **Physical Data**

pH	10.5
Product Type	Liquid
Spec. Gravity	1.05
lbs./gal.	8.76
Foam, 0 = Low, 9 = High	1
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

## **Typical Processing**

3 Stage Process:

1. Preclean: Use Alkaline Wash For Heavily Soiled/oily Parts.



Optional: Use 2086 For Lightly Soiled Parts.

2. Fresh Water Rinse
3. Final Seal: 2086 @ 1-2%, Ambient-160 Deg. F.
4. Hot Air Dry

Single Stage Process:

1. #2086, 2-4% By Volume, Ambient - 160 F.,
2. Air pressure blow-off and dry.

## Packaging

Container Type	Poly
Net Units	481.635
Tare Wt.	25 lb.
Gross Wt.	495
DOT_Name	Not regulated by D.O.T.
DOT Hazard	Not regulated.
Tarriff ID	

## Use Parameters

Concentration Range	0.5-5%
Temperature Range	75 – 150 F.
Time Range	30 – 120 seconds typical
Agitation	Spray or dip.

## Waste Disposal

Neutralize.

## Holding Tank Materials of Construction

Steel, poly, or stainless.

## Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.



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## Our People. Your Problem Solvers.

For more information on this process,  
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