

GALAXY LEAN COAT 400

Conversion Coating for Aluminum and Steel

GALAXY LEAN COAT 400 is a regulated heavy metal and phosphate-free reactive conversion coating especially formulated for use in the treatment of steel and aluminum surfaces. The pretreatment solution may be applied by spray or immersion applications under ambient conditions.

Directions for use

Use ½ - 1% v/v for 30 seconds to 2 minutes followed by a fresh water or preferably a final D.I. or R.O. water rinse. Pre-testing is required prior to implementation to verify product performance.

For best results the metal surface should be properly prepared such that clean parts are exposed to the **GALAXY LEAN COAT 400** solution. Allow your Galaxy Associates Account Manager to survey your application and recommend the best process for your specific needs.

TESTING and Control

Product is controlled via titration, pH, and conductivity values.

Recommended pH range: 4.5 to 5.5.

Concentration:

1. Take a 50 ml sample
2. Add 5-10 drops phenolphthalein Indicator
3. Titrate with 1.0 N Sodium Hydroxide until a pink color appears and stays for 30 seconds.
4. Record the number of mls of 1.0 N Sodium Hydroxide used.

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5. Multiply the number of mls of 1.0N Sodium Hydroxide used by 0.8 to obtain the concentration of GALAXY LEAN COAT 400 in percent by volume.

Equipment

The process tanks for **GALAXY LEAN COAT 400** should be composed of 316 grade stainless steel, pvc or polypropylene materials (or equally acid resistant materials).

Caution

DANGER: ACIDIC LIQUID. Can burn skin and eyes. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist. Do not take internally.

In case of eye or skin contact, flush with plenty of cool water for at least 15 minutes. Remove contaminated shoes and clothing and wash before reuse. Get immediate medical aid. If swallowed, give large amounts of water if conscious. Do not induce vomiting. Get immediate medical aid. For inhalation, remove to fresh air. Treat symptoms.

Do not store in direct sunlight or hot area. Open drums slowly to vent. Handle with rubber gloves, rubber apron, chemical goggles, face mask, and rubber boots. When preparing solutions or making additions, add slowly with stirring. Improper addition of this product can cause splashback, resulting in serious chemical burns. Eyewash and safety shower must be immediately available. Personnel handling this product should be acquainted with its characteristics and dangers. Not for manual use. Keep out of the reach of children.

L02-13

Consult MSDS for complete safety information.

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Attention

When empty, the container may still be hazardous. Because containers, even after they have been emptied, still retain product residues (vapor, liquid or solid), all labeled hazard precautions must be observed. If emptied product containers of 119 gallons or greater volume are to be shipped, DOT requires the containers be triple rinsed (or equivalent) to remove any residue and DOT placards be removed or covered with plain placards before they can be shipped as empty containers.

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