ALCM

- 634 Route 228 • P.O. Box 599 • Mars, PA. 16046 • 724-625-3116
- 7301 Bessemer Avenue • Cleveland, OH 44127 • 216-341-2000
- 4111 Walden Ave • Lancaster, NY 14086 • 716-681-1581
- 900 W. Smith Rd. • Medina, OH 44256 • 330-723-7780

FBC CHEMICAL CORP.

Water Based Rust Conversion Coating (#80400)

DESCRIPTION: A novel water-based rust conversion coating for use on rusted metal substrates to completely convert and stop continued rust formation and metal deterioration. Many competitive products in this class are not able to be coated over. This product was designed to not only convert rust and provide barrier protection, but then also be allowed to be painted over with another water based top coat or approved solvent-based coating. It contains no volatile organic compounds and is easily brush/rolled or sprayed to provide ferrous metal protection.

USES: Rust Conversion Coating is used as a primer to provide protection for all ferrous metal substrates (iron, black iron, steel, carbon steel, aged galvanized steel).

SURFACE PREPARATION: All areas to be coated should be clean and dry. Remove all dirt, moisture and loose rust from the surface to be coated. Mechanical abrasion, in addition to power washing of surface, then allowed to dry before application yields best results.

APPLICATION: Application may be made through the use of conventional systems or airless spray systems. The use of 15:1 or 30:1 airless spray system is recommended. Typical tip sizes are .021-.023. Tip sizes may vary based on the desired spray pattern, air pressure, and air volume.

COVERAGE: Coverage rates may vary based on porosity of surface, material temperature and application technique. Typical coverage rate is 300 square feet per gallon which yields 6-8 mils of wet film.

DRY TIME: Dry times will vary based on temperature, humidity and application rate. Typical dry time @ 70º F and 50% relative humidity is 45 minutes to the touch and 2-4 hours to complete cure.

CLEAN-UP: Soap and water may be used to clean uncured material. Waterless hand cleaner should be used on skin and flushed with soap and water to remove dried material.

PACKAGING: 55 gallon drums, 5 gallon pails

PRODUCT SPECIFICATIONS

PROPERTY	RESULT

Product Name: *#X0067 Water Base Rust Conversion Coating*

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Color, Appearance:	
Wet Film	Clear or Black versions
Cured Film	Semi-gloss clear or black finish; if clear used, then rusted areas will appear black once fully cured.
Product Type	Water Based
Specific Gravity	1.03 (typical)
VOC	Zero to trace– 0-3 g/l
Flash Point, C.O.C.	Not applicable, water based
Viscosity (Brookfield RVT)	<3000 cps. (TD @ 5 RPM)
Solids	50 % (Typical by Weight) 40% (Typical by Volume)
Adhesion	Excellent on clean surfaces.
Spray ability	Down to 40° F.
Shipping Classification	Not Regulated.

CAUTION: DO NOT FREEZE!

Care should be taken to close container after use. Use protective clothing to avoid contact with eyes and skin. Consult the Material Safety Data Sheet for specific hazards. DO NOT TAKE INTERNALLY! In the case of eye contact, open eyelids wide and flush with water for 15 minutes. Get medical attention.

KEEP OUT OF REACH OF CHILDREN