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## Technical Data Sheet

### Strontium Chromate Epoxy Primer

30Y98 Primer Base  
30C99 Primer Converter  
PR301 Primer Reducer

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### Features & Uses

Premium strontium chromate Mil. Spec-type epoxy primer for application to properly prepared aluminum and steel substrates, providing excellent anti corrosive protection. This product is a fast drying, three component, corrosion resistant epoxy primer. The “as supplied” VOC of this product is 340 g/l. Apply only one coat at dry film thickness of 0.6 to 0.9 mils. May be directly top coated after 60 minutes cure time at 77°F/50% relative humidity without sanding.

Contains Strontium Chromate -Base packaged in ¾ filled gallons and ¾ filled quarts, Converter in quarts and ½ pints. Reducer in quarts and ½ pints.

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### Application Directions

**Substrate:** Aluminum and Steel surfaces must be clear and free of grease, oil, and chemical contamination. Surfaces must be mechanically abraded or sandblasted.

**Preparation:** Service life of coating is directly related to the surface preparation. The surface to be coated must be properly prepared, dry, clean and free of contamination.

Nozzle Size Gravity Gun	1.0 to 1.4 mm (0.039 to 0.055) – Conventional & HVLP
Fluid Nozzle Size Siphon Cup	1.4 to 1.6 mm (0.061 to 0.070) – Conventional & HVLP
Fluid Nozzle Size Pressure Pot	0.8 to 1.2 mm (0.032 to 0.046) – Conventional & HVLP
Pot Pressure	10 to 15 PSI – Conventional HVLP
Atomizing Pressure	30 to 60 PSI

**Application:** Apply one uniform coat of primer to a dry film thickness of 0.6 – 0.9 mils. Topcoats may be applied after 60 minutes cure time at 77°F/50% R/H

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### Directions for Use

Mix Ratio by Volume: 3 parts 30Y98 to 1 part 30C99, then reduce 1 part PR301

No Induction time required before use.

30Y98 must be thoroughly agitated or shaken for a minimum of 15 minutes prior to blending. After agitating 30Y98, mix 3 volumes of 30Y98 with 1 volume 30C99 mixing the two components well, then reduce with 1 part PR301. In order to maintain VOC compliant emissions in certain areas acetone or exempt solvent blends may be used. Admixed material should be used within 4 hours after mixing under ambient temperature to maintain coatings optimum properties.



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### OCEANAIR COATINGS

OFFICE: 4500 Williams Drive, Suite 212-269  
Georgetown, TX 78633

PHONE: 512.688.7607

WEB: oceanaircoatings.com

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## Health and Safety

### HMIS CLASSIFICATION

Health hazard	*1 - Irritation or minor reversible injury possible.
Flammability	3- Material capable of ignition under almost all normal temperature conditions.
Physical hazard	1- Materials is normally stable but can become unstable (self-react) at high temperatures and pressures.
Protective equipment	X- Consult your health & safety officer for recommendation as to what is the required protocol and PPE at your particular facility.

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## Drying Schedule

Cure Schedule – Air Dry @ 77°F + 50% relative humidity. After drying 6 hours, lightly Scotchbrite® (green). After 10 hours drying, sand with 320 grit:

Tack Free:	<1 hour
Dry to Topcoat:	1 – 4 hours
Dry to Tape:	2 – 4 hours
Dry Hard:	4 – 6 hours
Full Properties:	7 □ 10 days

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## Equipment Cleaning

Clean equipment immediately after use with PR301, MEK or equivalent solvent.

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## Specification Data

30Y98 Strontium Chromate Epoxy Primer – Component A:

Weight per Gallon: 12.1lbs. ± 0.2

30C99 Converter for 30Y98 – Component B:

Weight per Gallon: 7.1lbs. ± 0.2

Admixed Characteristics (as supplied):

Catalyzation Ratio: 3:1 by volume

Weight per Gallon: 10.8 lbs. ± 0.2

Weight Solids: 64.6% ± 1.0

Volume Solids: 42.4% ± 1.0

Viscosity: 21 – 25" #2 Zahn

Theoretical Coverage: 680 Ft<sup>2</sup>/Gal @ 1.0 mil dry film thickness

Induction Time: None

Pot Life: 4 hours

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## Environmental Report

**This product contains hexavalent chromium compounds.**

**This product contains chemicals subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.**

Volatile Content (Wt%): 35.4%, Organic Volatile Content (Wt%): 19.4%

Exempt Content (Wt%): 16.0%, Exempt Content (Vol%): 26.4%

VOC Minus Exempt: 340g/liter (2.8 lbs/gal)

Shelf Life- 18 months from Date of Manufacture

- Store containers indoors at 60-90°F
- Read all container labels
- Read Material Safety Data Sheet
- Keep away from open flame and sparks

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