


## TechKote WA2951 FE Black, Water-Based Coating

Black, High Heat, Low VOC, Water Based

### DESCRIPTION:

**TechKote WA 2951FE** is a low-gloss, durable, water-based rust preventive coating, for spray application to sheet metal, hot rolled steel, castings, forgings and extruded metal. It is a complete water-based coating designed to protect metal substrates even when applied at low film builds. The coating is fast drying and can be air-dried or force-dried and does not need high-temperature bake cycles. **WA2951 FE** does not contribute significantly to VOC emissions, nor does it contain any heavy metals.

This post is also available in: 

### TYPICAL PROPERTIES (NOT SPECIFICATIONS):

Appearance	Black Liquid
Density	10.5
Viscosity (cPs, Brookfield)	Varies per application system
Non-Volatile Solids By Weight	50%
Non-Volatile Solids By Volume	37.1%
Volatile Organic Compounds	.28 lbs/gal (calculated); 0 lbs/gal per EPA Method 24 per ASTM D3792 per RTI Laboratories, Livonia, MI
Flash Point	>212F

### FEATURES / BENEFITS:

- Corrosion resistant: 336 hours of salt spray
- High heat resistance: 16 hours 500 deg F (250 deg C)
- Stone Chip Resistant
- Water-based; Low VOC
- Non-Flammable
- Air Dry Time - 10-20 minutes to handling
- Theoretical Coverage at 1 mil: 599.6 sq.ft./gallon

### APPROVALS:

Meets the following specifications:

- Ford WSS-M2P170-B2
- Ford WSS-M2P177-C2
- GM 9984261
- FCA ms-pf-1-25
- Nissan NES-M-0007
- Volkswagen TL-260
- AAM MS-4011
- Dana ES-OM-M2006 over zinc phosphate

### MIX / APPLICATION & USE:

Mix completely before use. This product is typically is applied at a minimum film thickness of 2.5 mils (unless otherwise directed by the customer) using HVLP, Conventional, Airless, Airless / Air Assisted or Electrostatic spray methods. This is an air dry coating and will be dry to touch in 10-20 minutes (depending on environmental conditions). The product may be oven dried as long as part temperature does not exceed 180 degrees F. Allow seven days for full cure.

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## HEALTH & SAFETY:

**TechKote WA 2951 FE** is available at our Brighton, Michigan facility in 55-gallon drums, 330 gallon totes and 5 gallon pails.

**Storage And Handling:** See Safety Data Sheet Before Use. **Do Not Freeze.** Use at room temperature. Store at temperatures between 45° - 90°F. Do not expose to extreme high temperature due to container rupture. Do not pressurize drum or reuse empty container. Follow all safety regulations on label.

**Non-Warranty:** While the information and recommendations sent forth herein are believed to be accurate as of the date thereof, Fortech Products, Inc. makes no warranty with respect thereto and disclaims all liability for reliance therein.

**Last Updated: 4/20/2020**