



**RUST  
STOPS  
HERE.**

1101 Cumberland Xing #180  
Valparaiso, IN 46383

# KBS TANK SEALER

## TECHNICAL INFO & SPECIFICATIONS

### PHYSICAL DATA

**Type of coating:** Single Component Moisture Curing Polymeric Isocyanate

**Color:** Silver

**Gloss:** 80%

**Solids:** 76%

**Flash Point:** 103°F (40°C)

**Viscosity:** at 77°F (25°C) 250-450cps depending on color.

**VOC:** ≤250g/l

**Minimum Recommended Dry film thickness:** 3 mils (75um)

**Coverage:** On porous surfaces like rust and corrosion approximately 100 sq. ft. per quart or 400 sq. ft. per gallon (9.5m<sup>2</sup> per liter) at 2 mils (50um) thickness. Coverage will vary depending on surface profile, application method and film thickness.

**Average Dry Times at 77°F (25°C) at 50% humidity (inside enclosed tank with minimal air flow):** Touch dry 4-6 hours. Full cure after 96 hrs.

**Pot life:** Pot life will depend on local humidity conditions and the length of time the coating is exposed to moisture. Though providing the can is resealed well and only opened for limited periods at a time the average life is approximately 1-2 months.

**Solvent:** Use only KBS #1 Thinner. The use of other solvents can cause premature coating failure and or lost of adhesion.

**General appearance and Characteristics:** Smooth ceramic like finish with very high levels of flexibility and toughness. Strong resistance to impact, high temperature, abrasion and common aggressive chemicals including; Acids, Alkalis, Salts, Minerals, Solvents, Fuels and Hydraulic fluids.

**Storage Requirements:** Store in cool dry conditions away from direct sun light 41-95°F (5-35°C)

**Container Availability:** 8oz (236mls) Pint (475mls) Quart (946mls) Gallon (3.78L) 5 Gallon (18.9L) Drum 55 Gallon (208L)



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**Performance Characteristics:** Salt water resistance ASTM B-117 at 95°F (35°C) at 5% salt water for 2000 hrs: No noticeable change.

## CHEMICAL RESISTANCE

### Results of contact spot testing of KBS Tank Sealer with various common materials.

RustSeal applied to steel Q panels at 4 mil (100um) film thickness and placed in continuous contact with the following materials for 168 Hr (7days).

Product	Time	Result
Sodium Hydroxide 10%	168Hr	Some discoloration, coating intact
Sulphuric Acid 20%	168Hr	Some discoloration, coating intact
Hydrochloric Acid 40%	168Hr	No noticeable change
Phosphoric Acid 20%	168Hr	No noticeable change
Ammonium Chloride (Fertilizer)	168Hr	No noticeable change
Brake fluid	168Hr	No noticeable change
MEK ( Strong Solvent)	168Hr	No noticeable change
93 octane Fuel	168Hr	No noticeable change
Xylene	168Hr	No noticeable change
Hydraulic fluid	168Hr	No noticeable change
Diesel	168Hr	No noticeable change

*Information contained herein is to our knowledge true and accurate, but all recommendations or suggestions are made without guarantee. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.*