



# Technical Data Sheet

<b>Product</b>	<b>Type</b>
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## COUNTER RUST™ 6670 Rust Preventive – Metal Protection

Premium long-term, heavy-film rust preventive for use in oil and solvent

### Application

Counter Rust 6670 is a partial solvent-cutback calcium soap of an oxidized petrolatum designed to provide long-term outdoor rust prevention in an easy to handle form.

Counter Rust 6670 is designed specifically to offer superior protection against rust and corrosion. When formulated and tested in the B-117 salt atmosphere test, Counter Rust 6670 has demonstrated over 60 days of protection.

Counter Rust 6670 also provides excellent water separating and displacing properties. It is also non-staining and non-corrosive to a wide variety of ferrous and non-ferrous metals. It is useful for long terms storage and automotive/over the road rust-proofing as well as cavity waxes and frame coatings

Note on all Calcium soaps of oxidized petrolatums and their solvent cut backs: Time and storage at low temperatures will cause increased viscosity which can be reduced by gentle heating but may not reduce viscosity to the original.

### Typical Properties

Test	Typical
Appearance	Paste
Specific gravity at 15.6° C	0.92
Non-volatile, wt. %	70
Flash point, ° C	>63

### Benefits

- Excellent salt spray and humidity protection in outdoor environments
- Relatively low cost
- Can be further cut-back with solvents

### Performance

Counter Rust 6670 – % solids in mineral spirits*	ASTM B-117 Salt Spray Days to Fail	ASTM D 1748 Humidity Cabinet Hours to Fail
55	>60	>1200
50	>60	>1200
45	>25	>1200

\*May be unstable in cut-backs below 40% solids

## Suggested Formulations

### Heavy duty rust preventive

Counter Rust 6670	78.0%
Mineral Spirits	22.0%

### Thixotropic rust preventive

Counter Rust 6670	66.0%
Non-hygroscopic thickener	3-5%
Fine-milled attapulgite clay	5%
Mineral spirits	24.0 -26.0%

## Storage and Handling

Recommended Maximum Long Term Storage Temperature*	Ambient: Time and storage at low temperatures will cause increased viscosity which can be reduced by gentle heating but may not reduce viscosity to the original.
Recommended Minimum Temperature for Use	Ambient
Flash Point	62°C TCC

\*Long term storage at temperatures above this may result in loss of performance.



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