



TECHNICAL DATA

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CRC SP 350

Ref. : 10060

1. GENERAL DESCRIPTION

Long-term indoor corrosion inhibitor. CRC SP 350 is a heavy-duty indoor corrosion inhibitor providing extended protection for all metal parts and assemblies both in storage and during shipments. Its unique formulation, to resist run-off and flow, easily covers planed surfaces and sharp edges, making it particularly effective on precision machined surfaces.

2. FEATURES

- Heavy-duty corrosion protection up to 2 years indoors.
- Excellent long-term lubricant for metal parts subjected to heavy duty and constant wear.
- Thin, non-drying penetrating and protecting film.
- Displaces moisture.
- Protects equipment and parts in storage, shipment and in process.
- Promotes easy start-up.
- Suited for all metals and alloys, included copper and brass.
- Can be easily removed with solvent cleaners.
- Equipped with the 360° (upside-down) spray valve for added convenience.
- Pressurized with non-flammable CO₂ propellant.
- Active product content of 97 %.
- Specifications : NSN 8030-25-100-4662.

3. APPLICATIONS

Final film for completed assemblies:

- Protective coating for assemblies in storage, shipment and process.
- Precision machined surfaces.
- Aircraft faying surfaces.
- Seasonal 'moth balling' of marine engine blocks, pistons and components.
- Protection of cutting tools, workbench tops, fixtures, gears and shafts.
- Maintenance and storage of weapons.
- Start-up lubricant for stored machinery.

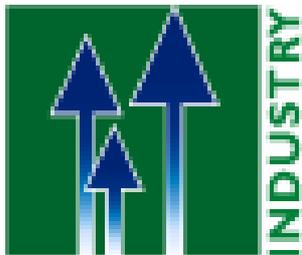
4. DIRECTIONS

- Shake aerosol can well before use. Stir or mix bulk product to break its gel structure before dipping applications.
- Spray a light, even coat to surfaces to be protected. Use extension tube for hard-to-reach areas and for spot lubrication. For electrostatic spraying, addition of a polar solvent may be necessary.
- To be removed by solvent cleaners (CRC Industrial Degreaser, CRC Fast Dry Degreaser,...), alkaline cleaners or steam before surface treatment.
- Do not use on energized equipment. Use in well ventilated areas. A Safety data sheet (MSDS) according EU directive 93/112 is available for all CRC products.



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5. TYPICAL PRODUCT DATA (without propellant)

Appearance		: amber, opaque
Specific gravity (@ 20°C)	aerosol	: 0.82
	bulk	: 0.86
Distillation range of solvents	aerosol	: 60-250°C
	bulk	: 190-250°C
Flash point (closed cup)	aerosol	: < 0°C
	bulk	: 60°C
Dynamic viscosity (@ 20°C)	aerosol	: 38 cPs
	bulk	: 20 to 100 mPa.s depending on gel formation
Freezing point		: -20°C
Ultimate film thickness		: 10-20 µm (@ 20°C, after a 24 h)
Maximum expected coverage		: 40m ² /l. (@ 20°C, after a 24 hr)
Solvent dissipation		: 2-4 h. (@ 20°C, thin film)
Film properties (after evaporation of solvent)		
Dynamic viscosity (@ 20°C)		: 30.000 mPa.s (thixotropy)
Falex true load failure (ASTM D3233, Proc.A)		: 6500N
Salt spray resistance (*) (ASTM B 117)		: > 300 h
Heat resistance		: 100°C

Typical corrosion protection results will depend mainly on surface conditions and indoor environment. It may be less than 3 month or more than 2 years. The first application therefore should be checked periodically for signs of corrosion. Once the time of protection under any specific condition is determined, CRC SP 350 may be re-applied at intervals to maintain protection.

6. PACKAGING

aerosol :	12 x 300 ml
bulk :	4 x 5 l; 20 l; 200 l

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: www.crcind.com.

We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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