TDS

SP 350

Technical Data Sheet

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Section 1 : General description

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.

Section 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 CO_2 propellant.
- Active product content of 95 %.

Section 3: Applications

Final film for completed assemblies:

- Protective coating for assemblies in storage, shipment and process.
- Precize machined surfaces.
- Protection of cutting tools, workbench tops, fixtures, gears and shafts.
- Start-up lubricant for stored machinery.

Section 4: Directions

- Shake aerosol well before use. Stir or mix bulk product to break its gel structure before dipping applications.
- Apply 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 to EC Regulation N° 1907/2006 Art.31 and amendments is available for all CRC products.

Section 5: Typical product data (without propellant)

Appearance		:	amber, opaque
Specific gravity (@ 20°C)	aerosol	:	0.82
	bulk	:	0.86
Flash point (closed cup)	aerosol	:	< 0°C
	bulk	:	50°C
Dynamic viscosity (@ 20°C)	bulk	:	20 to 100 mPa.s depending on gel formation
Ultimate film thickness		:	10-20 µm (@ 20°C, after a 24 h)
Maximum expected coverage		:	40m²/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 (thixotropic)
Salt spray resistance (*)(ASTM B 117)		:	> 300 h
Heat resistance		:	100°C

Section 6: Packaging

Aerosol 12x500 ML

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.
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