

CIMGUARD[®] 90

Water based synthetic
corrosion preventive



PRODUCT INFORMATION FLYER

Description

Cimguard 90 is a synthetic, water-dilutable, indoor corrosion preventative for ferrous metals. It is designed to leave a thin (not tacky or oily) film, which is easily removed by aqueous cleaners.

Application

The level of corrosion protection provided by Cimguard 90 depends on product concentration, humidity, and air temperature. Cimguard 90 can be applied in spray, dip operations, and can be used in the final rinse stage of multi-stage parts washers. Cimguard 90 recommended concentrations:

1. Final rinse after immersion or spray cleaning, 2-5%.
2. Immersion bath rust preventative after machining, up to 20%.
3. Final rinse after tumbling or de-burring operations, 2-5%.
4. Can also be added directly to de-burring and tumbling operations at concentrations of 1 - 2% to prevent "flash" rusting of parts.

Always let metal parts dry before packing and/or storage. Heating (max. 40°C) the solution will decrease the drying time. Do not rinse metal parts after exposure to Cimguard 90; coating is instantaneous and final.

Features and benefits

- Excellent short-term indoor ferrous corrosion protection.
- Dry, almost imperceptible film - no oily residue.
- Versatile, non-foaming formulation for spray or immersion bath applications.
- Easily cleanable with all aqueous cleaners.
- Economical - low total cost.
- Outstanding tank life.

Technical data

Base		Water
Colour	Visual	Clear yellow
Flashpoint	ASTM D93	>100° C
Recommended concentration		2 - 20%
Materials		Ferrous
% VOC	EC Directive 1999/13/EC / Solvent Emissions Directive	0
Filmthickness (approx.)	Micron	Imperceptible film
Film characteristics		Almost dry
% Non volatile	ASTM D2369 mod.	30
Waterdisplacing		No
Fingerprint neutralization		No
Coverage (approx.)	M2/Liter	100 (20% dilution)
Type of protection		Indoor storage
Application temperature		Ambient
Ind. protection time		0 - 3 months
Corrosion testing data		
Humidity cabinet (hours)	ASTM D1748	240 (@20%)
Saltspray testing (hours)	ASTM B117	2 (@20%)
Application methods		Immersion, Spray
Removal methods		If necessary, Alkaline cleaner

Above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Concentration analysis

For concentration analysis, use one of the below given methods or an appropriate laboratory procedure available from your local stockist.

Refractometer factor:

If the refractometer is used, the resultant reading multiplied by a factor of 2.5 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 2 ml. mix								*: next syringe	
%	1	2	3	4	5	6	7	8	9	10
Reading	0.83	0.67	0.52	0.37	0.22	0.07	*.91	*.76	*.61	*.46

Handling and storage

Keep at temperatures between 5°C and 35°C in original container.

Packaging type

5, 20, 200 and 1.000 liter.

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environmental matters when handling this product.



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