

CIMGUARD® 20



Oil/solvent based corrosion preventive



PRODUCT INFORMATION FLYER

Description

Cimguard 20 is an oil/solvent based water-displacing corrosion preventive for protection of all ferrous and non-ferrous metals during indoor storage and wrapped shipment.

Application

Cimguard 20 forms a protective coating which is thin and slightly oily, non-staining to copper, copper alloys and aluminium. Specifically designed for dip tanks and production line spray application to parts wet with water-based cutting or grinding fluids where fluid run-off is collected for re-use. In the sump, water quickly settles to the bottom and can be drained off. For optimal performance, it is recommended to use a specially designed tank, which permits the easy removal of displaced water. Provision should be made for the surplus fluid to drain from the components.

Features and benefits

- Rapidly displaces water and deposits a polar corrosion preventive film on the metal.
- Non-emulsifying - water separates rapidly from the metal and settles to the bottom of the tank, leaving Cimguard 20 ready for re-use.
- Free from heavy metals such as Barium.
- Quick curing - leaving a thin protective film after evaporation.
- Long lasting protection in process for wet or dry metal parts during indoor storage, or in wrapped shipment.
- Protective coating does not prevent accurate gauging of finished components.

Methods of application

	Test methods	Typical characteristics
Base		Oil/solvent
Colour	Visual/ASTM D 1500	Clear golden brown/3-4
Flashpoint	ASTM D93	72°C
Barium content		Free
Materials		Ferrous & Non-Ferrous
% VOC	EC Directive 1999/13/EC / Solvent Emissions Directive	83
Film thickness (approx.)	Micron	3
Film characteristics – residue type		Oily, transparent
% Non volatile	ASTM D2369 (modified)	14
Water displacing		Yes
Fingerprint neutralization		Yes
Coverage (approx.)	M2/Liter	60
Approx. drying time @ 25°C		2 hours
Application temperature		Ambient
Type of protection		Indoor storage & wrapped shipment
Ind. protection time		12 - 18 months
Corrosion testing data		
Humidity cabinet (hours)	ASTM D1748	>1000
Salt spray testing (hours)	ASTM B117	1
Application methods		Immersion, Brush, Roller, Spray
Removal methods		Solvent, alkaline cleaner
Typical concentration		Neat

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

Method of application

Immersion/dip, spray, brush, roller.

Handling and storage

Store at room temperature.

Packaging type

Spraycan, 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.



Cimcool Industrial Products
Schiedamsedijk 20
3134 KK Vlaardingen
The Netherlands
Tel: +31 (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

