

4-320

Temporary Rust Preventative

APPLIED A4320

Description:

Applied Temporary Rust Preventative (A4320) prevents rust during the rinsing and drying of steel articles after they have been cleaned.

When added to the rinse water **Applied Temporary Rust Preventative (A4320)** renders the surface 'passive' - a condition in which rust cannot develop. This period prior to painting, welding or further processing will last for up to 3 weeks.

Applied Temporary Rust Preventative (A4320) forms a very slight, non-greasy and practically invisible film on the treated surface. It is usually harmless to subsequent processing (e.g. paint) and can normally be allowed to remain there. However, if necessary, it can be removed by a simple water rinse.

Applied Temporary Rust Preventative (A4320) will give protection against 'flash rusting', when added into the 'wet blasting' water.

Applied Temporary Rust Preventative (A4320) contains buffer salts to maintain the correct pH value of 9.5 and can itself be used as a mild detergent. Lightly soiled articles can be cleaned in a solution of 2% - 10% of Applied 4-320 per litre of water at 70- 80°C and dried without further rinsing to give a rust resistant product.

Applied Temporary Rust Preventative (A4320) prevents rust during the rinsing and drying of steel articles after they have been cleaned.

Intended Use:

Manufacturing, Mining, Industrial - General Engineering, Marine, Automotive Coating.

Product features:

Contains buffer salts to maintain correct pH

Soluble in water

Non-greasy

Works for up to 3 weeks.

Typical Physical Properties:

Technical data should be considered representative or typical only and should not be used for specification purposes.

Appearance: Pale straw – water soluble liquid
Flash Point (COC) Non-Flammable

Directions for Use:

- Articles should be dipped in a solution containing 2% to 10% **Applied 4-320** at 80°C.
- They should be immersed for a sufficient time to heat up to bath temperature.
- They will then dry rapidly on withdrawal.
- This process is particularly suitable for articles to be processed in a few days.
- Ordinary articles will dry rapidly from their own heat when removed for the **Applied 4-320** solution.
- Drums and containers should be dried over an air jet.
- At ambient (20 - 30°C) temperatures, use **Applied 4-320** at 7% to 15% with agitation.
- Contact time needs only to be long enough to ensure there are no air pockets adhering to the surface, typically five minutes.

TIME OF PROTECTION:

The following table gives an indication of the protection that can be expected:

	3% 4-320	8% 4-320
Dry indoor conditions	2 weeks	3 weeks
Humid indoor conditions	2 weeks	3 weeks
Sheltered outdoor conditions or exposed outdoor conditions in fair weather	4 - 5 days	1 week
Exposed outdoor conditions in wet weather	2 days	2 - 3 days

Please note: Length of protection may be more or less than the given time, depending on the type of steel and the environment.

Storage:	Avoid temperature extremes.
Precautions:	Please refer to appropriate safety data sheet (SDS) prior to using this product. For technical assistance, please call 1800-063-511 FOR INDUSTRIAL USE ONLY
Warranty:	Applied will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.
Disclaimer:	All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Polymers & Fluids and Applied makes no representations or warranties of any kind concerning this data.
Order Information:	A4320-20 Applied Temporary Rust Preventative (4320) 20 L

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