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TECHNICAL INFORMATION SHEET

220 RUST PREVENTATIVE

Bituminous Rust Preventative

March 2009

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Description and uses:

A solvent based black bituminous rust preventative designed to prevent rust on clean metal surfaces. This product may slow down the rusting process on rusty surfaces; however it is not designed to remove existing rust which will continue its ravages under the coating. 220 Rust Preventative is suitable for long term protection in exposed conditions and also protects against corrosive fumes.

Note: Unlike paints, petroleum based rust preventatives are meant to be temporary protectives, designed for easy removal when their job is done. It is not possible to give definite times of protections as storage conditions vary widely and affect performance considerably. For critical applications the product should be tested for its suitability.

Typical areas of application are:

- Farm equipment which is seasonally stored.
- Finished machine components.
- Transportation, marine and general construction equipment.

Technical Specifications:

FINISH: Black gloss film.

THINNERS: T195.

VOLUME SOLIDS: 45 - 55%.

COVERAGE: Approximately 8.0 - 9.0 Square metres per litre, @ 50 microns DFT.

RECOMMENDED FILM THICKNESS: > 50 microns.

APPLICATION: By brush, dipping or spray. .

DRYING AT 25°C / 50% Humidity: Dry in 2-3 hours. Remains a soft durable, thermoplastic film.

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Surface Preparation:

- When overcoating; Aged paint coatings should be tested for adhesion using Crosshatch or Crosscut methods. If aged paint coating lifts remove it.
- Remove all rust, oxides, millscale and loose paint from metal surface.
- Round off all sharp edges, welding joints and weld spatter.
- All surfaces to be painted should be clean and free from dust, dirt, oil, grease and moisture.
- All abrasive blast clean ferrous surfaces should be coated within 4 hours to avoid flash rusting.
- Do not apply at temperatures below 5° Celsius. Do not apply at relative humidity above 85%, or when the substrate surface is less than 3° Celsius above dewpoint.

Equipment Application: As a Guide Use:

Brush or Roller – Standard Brush or Short Nape Roller.

Conventional Spray - 1.5 -2.0mm tip (or equivalent). Pressure pot set at 55 - 100kpa (8 - 15psi) and maintain gun air pressure 275 - 380kpa (40 -55psi).

Airless Spray – Use heavy-duty airless spray with 10 -15 “(0.25 – 0.38mm) plus tip and pump ratio 30:1

Application Thinning:

Brush or Roller – May require Thinners (T195), to improve brushability. Thin initially 5%, then increase to suit.

Dipping: - Thin to a suitable viscosity for dipping. (Dipping twice may be necessary for specific applications)

Conventional Spray – Thin approximately 10 - 20% and apply.

Airless Spray - Thin approximately 5 – 10% and apply.

Clean Up – T102, T104, T134 or T195.

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Safety Instructions:

Storage: Store in a cool, dry banded area out of direct sunlight as required for Flammable liquids DG Class 3, PG II, Hazchem 3(Y)E.

Flammability: Highly flammable, all sources of ignition must be eliminated in or near area of use, on burning fumes emitted are toxic. Do not smoke in immediate area.

Handling: Adopt adequate Occupational Work Practices to avoid personal contamination with product. Always wash hands before smoking, eating, drinking or using toilet. Food and Drink should be to stored and consumed in separate area.

Personal Protection: Avoid contact with skin or eyes; wear suitable clothing such as impervious overalls, PVC or neoprene gloves, safety goggles and face mask.

Using: Avoid inhalation of spray mist and vapours – use with adequate ventilation and suitable Personal Protection Equipment (PPE).

Engineering controls: Ensure ventilation is adequate. When spraying, ensure product is applied in a fully functional spray-booth. Keep containers closed when not in use. Do not use near ignition sources.

REFER MSDS BEFORE USE

(Phone 02 9688 1999 or refer to www.lacnam.com.au for copy MSDS)

Although this information is presented in good faith and compiled from sources believed to be accurate, Lacnam Paints make no representations or warranty as to the completeness or accuracy thereof. As the product's performance and suitability depends on various factors, the purchasers of our products should determine for themselves whether the product is suitable for their particular use.