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TECHNICAL INFORMATION SHEET

292 BITUMINOUS BLACK

RUST PREVENTATIVE

April 2009

TDS 292 page 1 of 2

Description and uses

292 Bituminous Black is a steel coating providing protection for steel articles subject to rusting and metallic erosion, with the following features:

- Provides a rust resistant film.
- Quick drying.
- Excellent adhesion and flexibility.

Typical areas of application are:

- Automotive manufacturing industry.
- Farm equipment which is seasonally stored.
- Finished machine components destined for storage or transportation.

Technical Specifications

FINISH: Blacker than 220 at a lower film thickness.

THINNERS: T104 or T134 thinners.

VOLUME SOLIDS: 35-40% depending on colour.

COVERAGE: Approximately 7 - 8 Square metres per litre @ 50 microns DFT.

RECOMMENDED FILM THICKNESS: 40 - 60 microns.

APPLICATION: Brush, Dip, or Spray.

DRYING AT 25°C / 50% Humidity: 2 - 3 Hours

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.

292 BITUMINOUS BLACK

April 2009

TDS 292 page 2 of 2

Equipment Application: As a Guide Use:

Brush or Roller – Standard Brush or Short Nape Roller.

Conventional Spray - 1.3 -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.

Safety Instructions:

Storage: Store in a cool, dry bunded 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)

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