



LACNAM PAINTS AUSTRALIA
ABN 48 125 092 482
78-80 MANDOON, ROAD, GIRRAWEEEN, SYDNEY
NSW 2145 AUSTRALIA
TELEPHONE: (02) 9688 1999 FACSIMILE: (02) 9896 1606
EMAIL: sales@lacnam.com.au WEBSITE: www.lacnam.com.au

TECHNICAL INFORMATION SHEET

252 HEAT RESISTING BLACK

March 2009

TDS 252 page 1 of 3

Description and uses:

252 Heat Resisting Black is a coating based on a polyvinyl butyrate resin, formulated to provide protection and decoration of metal surfaces.

252 Heat Resisting Black has the following features:

- Non-toxic dried film.
- Binder suitable for coating of food containers in accordance with federal health regulations.
- Rapid drying one coat system.
- Good adhesion to Ferrous/Non-Ferrous surfaces.

Typical areas of application are:

- B.B.Q. grills and plates.
- Steel castings, pot belly stoves.
- Exhausts, heat vents, aluminium extrusions etc.

Technical Specifications:

FINISH: Satin black

THINNERS: T166 or T130 thinner.

VOLUME SOLIDS: 8 - 10%

COVERAGE: Approximately 13 Square metres per litre (at a D.F.T. of 10 microns).

RECOMMENDED FILM THICKNESS: 5-10 microns

APPLICATION: Conventional spray, brush, roller or dip.

DRYING AT 25°C / 50% Humidity: Touch dry 5 minutes.

Hard Dry: 30 minutes.

Full Cure: 7 Days @ 25°C / 50% Humidity

252 HEAT RESISTING BLACK

March 2009

TDS 252 page 2 of 3

Durability:	
Exposure:	Good gloss and chalk resistance, some chalking will occur with extended exterior exposure.
Heat Resistance:	180 - 200°C dry heat.
Flexibility:	Good.
Acid:	Resistant to splashing of dilute acid, may cause minor colour change, wash off.
Alkali:	Resistant to splashing of dilute alkali, may cause minor colour change, wash off.
Water:	Resistant to high humidity and rain, not recommended for immersion or damp conditions.
Salts:	Resistant to splashing of neutral and acid salt solutions, wash off.
Solvent:	Good resistants to splashing of moderate hydrocarbon solvents.
Pencil Hardness:	H - 2H.
Abrasion Resist:	Good after full cure.

APPLICATION DETAILS – PAINTING SYSTEMS			
D.F.T. um			
System 1	1 st Coat	5-10	252 Heat Resisting Black (Thinner T166 or T130)

APPLICATION DETAILS – SURFACE PREPARATION		
SUBSTRATE	DETAILS	RECOMMENDED SYSTEM
Steel	Power tool clean to AS1627.2 class 2 or abrasive blast clean to AS1627.4 Class 2	1
Aluminium and non-ferrous metals	Light abrasive blast or treat with 212 Metal Clean.	1

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, mill-scale 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.

252 HEAT RESISTING BLACK

March 2009

TDS 252 page 3 of 3

Equipment Application: (Conventional Spray Recommended).

As a Guide Use:

Brush or Roller - Suitable for small areas only.

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 – Not Recommended

Application Thinning:

Brush or Roller – Thinning not normally required.

Conventional Spray – Thin approximately 5% and apply.

Dipping – Thin approximately 5% before application.

Airless Spray – Not Recommended.

Clean Up – T166 or T130 thinner.

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.