

# TECHNICAL DATA SHEET

## RUST CHEM

### SUPER GLOSS ENAMEL



#### DESCRIPTION



**Rust Chem Super Gloss Enamel** is a premium quality, semi-industrial, lead-free, high gloss enamel, for use on wood and metal. It dries rapidly to a smooth tough, high gloss finish and is formulated for exterior and interior use.

Rust Chem Super Gloss Enamel is recommended for use on industrial machinery, domestic furniture and wrought iron.

#### COLOUR RANGE

Available in a range of 10 ready-made popular industry /safety colours and in Bases which can be tinted to almost any colour.

#### FEATURES

- Lead free
- Dries to a smooth finish
- Available in 10 ready-made popular industry/safety colours
- For use on wood and metal
- Interior or exterior usage
- Easy application – brush, roller or spray
- Protects against atmospheric corrosion
- Washable and scrub resistant
- Good resistance to abrasion, oil, grease and water

#### SPREAD RATE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**  
150 microns (6mils)
- **RECOMMENDED MINIMUM SPREAD RATE PER COAT:**  
7-10m<sup>2</sup> per litre (280-400 sq.ft./ US gal) depending on surface texture and porosity

**Number of Coats:** 2 coats. Prime with Harris/BH Rust Chem Anchorlite Heavy Duty Primer for use on metal and Wood Primer for use on wood.

**Film Build Ratio:** Minimum dry film required per coat:1.5 mils  
Wet film required per coat: 4.0 mils

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#### DIRECTIONS FOR USE

Surface must be clean, dry and free from loose, scaling paint and rust. Prior to top coating with Rust Chem Super Gloss Enamel, prime with the appropriate Harris/BH Primer below:

**Interior Wood:** Prime with Ulttima Wood Primer

**Ferrous Metal:** Prime with Rust Chem Anchorlite Heavy Duty Primer, Rust Chem Red Oxide Primer or Rust Chem Universal Primer.

Stir well before use. Apply by brush, roller or spray. If necessary, thin using Ulttima Puritene Oil Paint Thinner, up to a maximum of 250ml (half a pint) per 3.8 litres (gallon). Apply 1 or 2 coats as required. Use Ulttima Puritene Oil Paint Thinner for cleaning brushes and equipment.

#### RECOMMENDED PAINT SYSTEMS

<i>For Ferrous Metal Surfaces</i>	<i>For Galvanized Metal and Aluminum</i>	<i>For Wooden Surfaces</i>
<ul style="list-style-type: none"> <li>• 1 or 2 coats Harris/BH Rust Chem Anchorlite Heavy Duty Primer, Rust Chem Red Oxide Primer or Rust Chem Universal Primer</li> <li>• 2 coats Rust Chem Super Gloss Enamel</li> </ul>	<ul style="list-style-type: none"> <li>• 1 coat Harris/BH Super Grip Premium Problem-Solving Primer</li> <li>• 2 coats Rust Chem Super Gloss Enamel</li> </ul>	<ul style="list-style-type: none"> <li>• 1 coat Harris/BH Ulttima Wood Primer</li> <li>• 2 coats Rust Chem Super Gloss Enamel</li> </ul>

#### GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds and loose and flaking paint.

#### NEW SURFACES

**Wood:** Sand to a smooth finish. Seal all knots and sappy streaks with a shellac-based sealer and when dry, prime with one coat of Super Grip Premium Problem-Solving Primer (on interior); Ulttima Wood Primer (on interior or exterior).

**Ferrous Metal:** Remove any deposits of rust or corrosion using suitable abrasion and/or with a suitable chemical rust remover. Then, for best protection, prime entire surface with the appropriate Rust Chem Metal Primer (Red Oxide, Anchorlite Heavy Duty or Universal) to the entire area.

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**Galvanized Metal and Aluminum:** Prime with Super Grip Premium Problem-Solving Primer or Rust Chem Universal Primer.

#### PREVIOUSLY PAINTED SURFACES

For paint that is in sound condition wash and rinse thoroughly with water to remove any contaminants and allow to air dry. Remove mildew and fungus by washing with a solution of 125ml liquid bleach and 15ml non-ammoniated liquid detergent per litre of water. Glossy areas must be sanded to a dull finish and wiped free of dust to provide good adhesion. Remove loose paint. Prime bare areas with primer specified under **NEW SURFACES**.

#### DRYING TIME

Touch dry: 4 hours                      Recoat: After 8 hours  
Curing time: 21 days - dependent upon conditions

#### CLEAN- UP

Clean tools and equipment with Ultima Puritene Oil Paint Thinner. For best maintenance after cleaning with Thinner, wash brushes with warm water and detergent.

#### COMPOSITION

Titanium dioxide, extenders and colouring pigments in alkyd resin and mineral spirits.

#### PROPERTIES

<b>Colour</b>	10 ready-made colours – including White and Black. Plus, full range of tinted colours.
<b>Solids Content by Weight</b>	54%
<b>% Weight of Solvent</b>	56%
<b>VOC (Coatings)</b>	450 g/L
<b>Viscosity</b>	78-84 KU
<b>Weight per gallon (US)</b>	8 – 9 lbs (3.6 kg – 4 kg)
<b>Gloss at 60°</b>	High Gloss 88 – 90
<b>Sandability</b>	Overnight (good)
<b>Drying Time (4 mils)</b>	Approx. 4 hours dust free at 22° C
<b>Recoat</b>	Overnight – thoroughly dry
<b>Temperature Limitation</b>	Dry: 120° C

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**Thinner**

Ulttima Puritene Oil Paint  
Thinner

**Pot Life**

Not applicable – single  
component

**Shelf Life**

Two years minimum

#### PACKAGING SIZES

Available in 945ml (1qt), 3.8 litres (1 US gal), 19 litres (5 gal).

#### PRECAUTIONS 25°C

**KEEP OUT OF REACH OF CHILDREN**

**SAFETY DIRECTIONS**

**FLAMMABLE.** Store in a cool place. Flash Point 32° C (90° F).

**FIRST AID:** In case of skin contact, wash thoroughly with soap and water. If product comes into contact with eyes, flush immediately with plenty water and seek medical advice. **DO NOT SWALLOW.** If ingested seek medical advice immediately.

#### TECHNICAL ASSISTANCE

For advice and recommendation on the use of all Harris/BH Paints and Building Products, consult the Harris Technical Department, Tel: (246) 429-4840.

Email: [technical@harrispaintsonline.com](mailto:technical@harrispaintsonline.com)