TECHNICAL DATASHEET

CHLORINATED ENAMEL

Polycolor chlorinated enamel is a type of protective coating made by incorporating chlorinated rubber or related compounds into an enamel formulation. It is known for its excellent chemical resistance, water repellency, and durability. Commonly used in industrial and marine environments, chlorinated enamel adheres well to metal and concrete surfaces, providing a tough, corrosion-resistant finish.

PRODUCT BENEFITS

- **Excellent Chemical Resistance**
  Resists acids, alkalis, solvents, and other corrosive chemicals, making it ideal for harsh industrial environments.
- **Strong Adhesion**
  Binds effectively to various surfaces including metal, concrete, and primed substrates, ensuring long-term performance.
- **High Durability and Abrasion Resistance**
  Forms a tough film that withstands mechanical wear, impacts, and frequent cleaning or washing.
- **Fast Drying Time**
  Dries quickly, reducing downtime during application and enabling faster project turnaround.
- **Water and Moisture Resistance**
  Repels water effectively, protecting surfaces in humid or wet conditions and preventing rust or material degradation.
- **Corrosion Protection**
  Offers excellent protection against rust and corrosion, especially on metallic surfaces exposed to harsh environments.
- **Easy Application**
  Can be applied using brush, roller, or spray equipment, allowing flexibility in use across different project types.
- **Weather Resistance**
  Withstands UV rays, rain, and temperature changes without cracking, fading, or peeling.
- **Glossy, Aesthetic Finish**
  Provides a smooth, high-gloss appearance with good color retention, improving both protection and visual appeal.

AREAS OF APPLICATION

- Storage Tanks
- Industrial Equipment & Machinery
- Concrete Structures
- Pipelines & Piping Systems.
- Marine Environments
- Steel Structures
- Chemical Plants
- Interior Walls of Industrial Buildings

PRODUCT FEATURES

Surface	Exterior and Interior
Available Pack	1L, 5L and 20L
Shelf life	2 years from date of manufacture in original tightly closed containers.
Available Color	Green, black, cement grey, red, scarlet, nutmeg, DB grey and some colors as per request
Coverage	$10m^2$/L/3 coats
Finish	Gloss
Drying time to touch	60 Minutes @ 25 – 35 °C

SURFACE PREPARATION

- Ensure surface is clean, dry and free from contaminants.
- Surface must be in sound condition without laitance.
- Remove laitance using wire brush or sweep blast.
- Apply 2 coats of diluted chlorinated enamel.

APPLICATION PROCESS

Method	:	Brush, Roller and spray gun
Thinning	:	Slow aromatics solvent for roller and brush / NC thinner for spray gun
Dilution by volume	:	3:1 (3 parts paint and 1 part slow aromatics solvent) for roller and brush and 2:1 (2 parts paint and 1 part NC thinner) for spray gun.

PRECAUTIONS

- Do not apply when ambient temperature is less than 5°C or if the temperature might drop to this level within 4 hrs. of application.
- Do not apply it during rain or when rain is expected.
- Stir well before use.

SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children and away from eating tables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.

- In an event of spill, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

DISCLAIMER

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

Polytol Paints

Manufactured and Distributed by

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