Makers of Fine Paint Since 1962

ISSUED: 07 April 2014

304 Chloraline

USE	THINNER/CLEAN	APPLICATION	RECOAT	HAZARD
	 T-80 T-14		 24 Hrs	

HEAVY DUTY

A unique single pack, multiple purpose chlorinated rubber coating which can be used as a primer, undercoat or finishing coat. It is resistant to acidic and alkaline environments and possesses good adhesion to most types of surface. 304 Chloraline also exhibits low moisture permeability and excellent flexibility.

USES: Suitable for use in food processing plants, wineries, chemical plants, tankers, brewing industries, dairies and the coating of steel and concrete etc. Chlorinated rubber finishes are an economical alternative to 2K epoxies in many maintenance situations offering a lower cost and easier repair/maintenance options. Chlorinated Rubbers are not recommended for areas where solvent, oil, grease and animal fat contact is common.

SURFACE PREPARATION: All surfaces to be painted should be clean, dry and free from oil and grease.

STEEL: Abrasive blast clean to AS 1627.4 class 2.5 or better. Steel may be primed with either 858 Epoline Primer or a two pack inorganic zinc silicate coating ("inorganic zinc"). For general industrial service conditions apply 858 Epoline Primer to a dry film thickness of 50–75µm. Power tool /hand tool cleaning and priming with 110 Galvabond or 220 Metal Primer will also give satisfactory results in mild and general enviroments. For service in aggressive environments contact Topline Paint for a more detailed specification.

GALVANISED IRON: Apply 129 Super Etch Primer (10-15µm) and leave 24 hours before recoating with 304 Chloraline.

CONCRETE AND MASONARY: New concrete should be cured for a minimum of 28 days before painting. Surfaces to be painted must be free of efflorescence, loose or drummy/powdery material, form release agents, curing membranes, oil and grease. Concrete floors should be shot blasted or acid etched before painting. Repair damaged areas with a suitable concrete repair material or 2K epoxy filler. The thinning ratio required will differ with the application method; however we recommend that the first coat of 304 Chloraline to be applied to the surface be thinned by an additional 20% over and above the normal application thinning required to aid penetration of the substrate.

EXISTING PAINT: Determine type of coating. If chlorinated rubber clean surface, repair damaged areas and repaint. If the surface has been coated with an unknown or other type of paint it should first be cleaned and then sanded thoroughly. Test apply 304 Chloraline to a small area first to ensure lifting or wrinkling does not occur. Often removal of an unknown coating is the best option to ensure trouble free operations and a long service life of the new coating.

APPLICATION: Stir thoroughly until product is uniform. Suitable for roller, brush and both airless spray application or conventional spray. When spraying apply a light tack coat paying special attention to edges and corners, allow a short flash time (5 minutes) and then apply one full coat.

Conventional Spray: 1.5 mm to 2mm Fluid nozzle at an air pressure of 45 to 50 psi (300-350kPa) is recommended. Thin approximately 30-40% with T-80 Reducer. Remember to overthin for the first coat on concrete. Topline recommends the use of separate regulators for air and fluid pressure (pressure pot) or an air pressure regulator (suction gun) and a moisture/oil trap in the main air supply line.

Airless Spray: Recommended Tip size is 17 - 21 thou (430 – 530 µm). If required 304 Chloraline may be thinned with T-80 Reducer. A maximum of 20-30% is recommended for airless spray. Remember to overthin for the first coat on concrete.

Roller: Use a quality solvent resistant short nap roller.

Brush: Use a quality long bristle brush recommended for solvents. Use care not to overbrush the product.

CLEAN UP: T-80 Reducer or T-14 Gunwash.

TOPLINE PAINT PTY LTD **33 ALDERSHOT ROAD, LONSDALE, SOUTH AUSTRALIA 5160.**

Telephone: (08) 8384 1188 Fax: (08) 8326 1824 E-mail: admin@toplinepaint.com.au

304 Chloraline

DRYING: Tack free in 30 minutes, may be recoated by spray application in 1 hour. Hard dry after overnight at 25℃. Note: full cure requires 7 days at 25℃. If painting in an enclosed space the solvent vapours will slow the drying and curing of 304 Chloraline. Ventilate well and allow sufficient time to allow for full cure. Vapour will also pool in the bottom of tanks (even open top ones) and slow drying time in such locations.

COLOUR: White and pastel shades. Special colours are available in batch quantities (generally 100-200Lts). Some restrictions on colour apply when maximum chemical resistance is required.

FINISH: Semi gloss.

COVERAGE: Theoretical coverage 5 m²/Litre at 75 micrometres dry film thickness.

PACK SIZES: 4 Litre, 20 Litre.

VEHICLE TYPE: Chlorinated rubber.

PIGMENT TYPE: Inert pigments and extenders.

FILM PROPERTIES:

Solvent Resistance	Fair.	Chemical Resistance	Excellent
Abrasion Resistance	Very Good.	Impact Resistance	Good.
Heat Resistance	Up to 60℃. (dry)	Flexibility	Good.

PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Topline Paint and one will be provided.

Safety Directions: *KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.* Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. *DO NOT SMOKE.* Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, *DO NOT INDUCE VOMITING* drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes

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