

CHEMICAL PROCESSES FOR INDUSTRY

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T.C. 910-A Liquid Paint Stripper

DESCRIPTION

T.C. 910-A is a light tan colored liquid with a mild odor. It has somewhat more viscosity than water. T.C. 910-A is a strong caustic alkali solution and is water-based. It contains specialized solvents and paint-removing activators. It is highly chelated to handle paint pigments.

APPLICATION

T.C. 910-A is used for stripping exceptionally difficult paint films in hot tank immersion. It is effective on most baked acrylics, phenolics, thermoplastic resins, epoxies, melamines, etc. It is applicable to ferrous metals and copper alloys but attacks aluminum and zinc.

PROPERTIES

Specific gravity @ 68°F 1.334

pH, as shipped and used Well above 13

Viscosity Somewhat greater than water

Boiling point of concentrate Above 240°F Solubility in water Complete Flash point None

This highly caustic solution contains high boiling solvents and is non-phenolic.

CONDITIONS OF USE

For most difficult jobs, use T.C. 910-A at full strength with heat up to 240°F. For other stripping jobs, the material may be cut one-to-one or even one-to-three with water employing temperatures up to 190°F. The time for stripping is as required. Follow with hose or tank rinsing with water. It is good practice to pre-test applicable specimens on a small scale to help establish requirements necessary to do the particular stripping job in mind.

HANDLING

Take the safety precautions necessary for handling strong caustic alkali solutions. Wear protective garments, including rubber gloves, aprons or coveralls, chemical safety

goggles and/or face shields. Wash up spills with water. Avoid ingestion and contact with skin, eyes or clothing. Flush areas of contact with large volumes of water. Seek immediate medical attention for skin burns or eye contact. Remove contaminated clothing at once. Freezing is not ordinarily a problem but it is more convenient to store T.C. 910-A in normal indoor storage areas. Disposal is as required for alkaline solutions.