

# Caustic Tank repaired with Belzona

ID: 9560

Industry: Pulp & Paper

Customer Location: Port Alberni, BC

Application: TCC-Tanks and Chemical Containment Areas

Application Date: August 2024

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1221 (Super E-Metal), Belzona 5811 (Immersion Grade), Belzona 9611 (ES-Metal)

## Problem

This tank was experiencing corrosion issue due to failed CUI. Areas had failed and water and contaminants came into contact with the steel tank and severe corrosion was occurring. 6 through holes were found



Tank experiencing corrosion.



Close-up of corrosion.



Close-up of finished application of plate bonding.



Finished application of plate bonding.

## Application Situation

The tank was leaking 50% Caustic Soda and was causing environmental concerns

## Application Method

All problems areas were located and sandblasted.

All leaks were stemmed using Belzona 9611 / 1221. Plates were bonded in place using Belzona 1111 Super Metal and then coated using Belzona 5811 immersion Grade.

## Belzona Facts

Entering the tank internally caused many safety issues. Belzona is widely used on the site and the customer was familiar with our approach and had completed similar repairs in the past

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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