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**Reliance Universal Inc.**

Subsidiary of  
Tyler Corporation



# TECHNICAL BULLETIN

(713) 672-6641

TELEX #791293

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No. \_\_\_\_\_

3/24/82

Date \_\_\_\_\_

## ZEBRON® COATING SHOWS NO DEFECTS IN EPA TESTS IN OXYGENATED WASTEWATER

In a series of tests made by the Bureau of Reclamation for EPA, ZEBRON® polyurethane coating showed no defects when immersed in oxygenated wastewater for periods up to 28 months. ZEBRON® coated samples, steel and concrete, were placed in three zones, liquid gas and interface in three separate wastewater treatment plants, along with samples of 13 other coatings. ZEBRON® was one of only two coatings to show no defects throughout the testing.

Modern technology in sewage treatment is aimed at developing more efficient, less contaminating processes. Activated sludge using high purity oxygen in the waste water to speed up the treatment process, is one of the recent advances. Selection of materials for construction of the plants has held up the use of the process because of the extreme corrosive conditions. In order to assist in commercializing the oxygenating process, EPA commissioned the Bureau of Reclamation to run tests on a number of materials, including protective coatings. Among the coatings tested were vinyl resins, coal tar enamel and coal tar epoxy, butyl rubber, a phenolic, an anodizing process, a phenolic epoxy and several urethanes. ZEBRON®, 100% polyurethane coating, came out tops in all tests.

Report No. EPA-IAG-0187 (D), issued by the Municipal Environmental Research Laboratory of the EPA, is available from the ZEBRON® Corporation.

For additional information call 1-800-547-4181.

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