

LINDA LINGLE  
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.  
DIRECTOR OF HEALTH

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. BOX 3378  
HONOLULU, HAWAII 96801-3378

In reply, please refer to:  
File: EHA/HEER Office  
09-091LA

February 24, 2009

State of Hawaii  
Bridge Design: Attention Paul Santo  
601 Kamokila Blvd., Rm. 611  
Kapolei, Hawaii 96707-2021

Corrosion COPS  
94-463 Alapine Street  
Waipahu, Hawaii 96797-4515  
Attn: Richard Moran

Dear Sirs:

This letter concerns your inquiry, asking for comments on the possible toxicity of open-atmosphere spray of the product named CORTEC MCI-2020. The product is a water-based corrosion inhibitor that is applied to the surface of steel-reinforced concrete, after which it penetrates the concrete and prevents corrosion of the steel.

The State of Hawaii Department of Transportation (DOT) wants to know if there are public health or environmental concerns with an open-atmosphere spray to various concrete bridges in the State of Hawaii.

MCI-2020's ingredients and scientific evidence on the environmental fate of the ingredients were provided by CORTEC Laboratories to Mr. Leslie Au of the Department of Health's Hazard Evaluation and Emergency Response (HEER) Office. Based on this evidence, no hazard to human health or the environment is anticipated. There is no objection to the DOT's use of MCI-2020, provided that its application method is carefully chosen to minimize odor complaints from residential areas. With the catastrophic collapse during rush hour of the Interstate 35W bridge in Minneapolis, Minnesota on August 2, 2007, in mind, a product that improves a bridge's durability is a benefit to public safety.

If anyone has further questions, please call Mr. Au at (808)586-7539.

Sincerely,

Leslie K.L. Au, M.Sc.  
Toxicologist, HEER Office

C: Clean Air Branch, Jill Stensrud

LA: la