

# Case Consulting Laboratories, Inc.

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April 22, 2005

To: VEXCON Chemicals, Inc.  
7240 State Road  
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Attention: Darryl Manuel

From: Charles Anthony

Project No's.: 6312, 6320 and 6331

Subject: Coefficient of Friction Determinations

## INTRODUCTION

We were authorized to determine the coefficient of friction of samples identified below in accordance with ASTM D 2047 utilizing the James Machine fitted with leather sole material. The samples were tested in triplicate.

## RESULTS

### Uncoated

Coefficient of Friction (Average Over 4 Cycles)			Coefficient of Friction (Average Over 12 Cycles)
Replicate 1	Replicate 2	Replicate 3	
0.80	0.80	0.76	0.78

### Certi-Shine Clear

Coefficient of Friction (Average Over 4 Cycles)			Coefficient of Friction (Average Over 12 Cycles)
Replicate 1	Replicate 2	Replicate 3	
0.55	0.55	0.50	0.54

### Certi-Shine Finish Coat

Coefficient of Friction (Average Over 4 Cycles)			Coefficient of Friction (Average Over 12 Cycles)
Replicate 1	Replicate 2	Replicate 3	
0.67	0.63	0.60	0.63

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DISCUSSION

A coefficient of friction value of 0.5 or greater is generally accepted for classifying a walking surface as slip resistant.

Respectfully submitted,

Charles Anthony  
President

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