# Case Consulting Laboratories, Inc.

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April 22, 2005

To: VEXCON Chemicals, Inc.

7240 State Road

Philadelphia, PA 19135

Attention: Darryl Manuel

From: Charles Anthony

Project No's.: 6312, 6320 and 6331

Subject: <u>Coefficient of Friction Determinations</u>

#### **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**

Coefficien	t of F	riction (Average	Coefficient of Friction	
Replicat	e 1	Replicate 2	Replicate 3	(Average Over 12 Cycles)
0.80		0.80	0.76	0.78

#### **Certi-Shine Clear**

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

### Certi-Shine Finish Coat

Coefficient of F	riction (Average (	Coefficient of Friction	
Replicate 1	Replicate 2	Replicate 3	(Average Over 12 Cycles)
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 CASE CONSULTING LABORATORIES, INC.

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