

April 2, 2007

Prism Pigments 1251 Arundel St St Paul, MN 55117

RE:

Review of Mulch Coloring Pigments for

Safety Concerns

Black, red, and yellow mulch colorants as formulated by Prism Pigments were reviewed for safety. The mulch pigment used according to manufacturer's instructions, is safe and does not present a respiratory, contact, or ingestion hazard to the user or persons coming in contact with the mulch after it is colored.

After the mulch is colored, the coloring pigments do not pose a hazard to the environment.

Cordially,

LEGEND TECHNICAL SERVICES, INC.

Cheryl Sykora, CIH, CSP, CHMM

Senior Industrial Hygienist



December 13, 2007

Kevin Fenelon Prism Pigments 1251 Arundel St St Paul, MN 55117

RE: Pigment Testing

Dear Mr. Fenelon:

1.0 INTRODUCTION

LEGEND TECHNICAL SERVICES, INC. (LEGEND) received a sample of liquid mulch pigment concentrate from Prism Pigments on November 28, 2007. The scope of our service was limited to analyzing the pigment concentrate for RCRA metals and volatile organic compounds (VOCs).

2.0 FINDINGS

2.1 Volatile Organic Compounds (VOCs)

All volatile organic compounds on the EPA 8260B List were below detectable limits in the pigment concentrate. See attached report.

2.2 RCRA Metals

The results are as follows:

Analyte	Prism Pigment	MN Residential SRV
Pallitting were	Concentrate (ppm by	(mg/kg or ppm by wt)
	wt)	
Arsenic	1.6	5
Barium	2.5	1200
Cadmium	0.13	25
Chromium (total)	14	44000
Lead	38	300
Selenium	<0.1	160
Silver	0.18	160
Mercury	0.019	0.5

All RCRA metals including arsenic and mercury are well under the MN residential SRV for soil in the concentrated pigment.

3.0 METHODOLOGY

- 3.1 <u>Volatile Organic Compounds (VOCs)</u> were analyzed in accordance with EPA Method 8260B using Gas Chromatography/Mass Spectrometry.
- 3.2 <u>RCRA Metals</u> the sample was acid digested and analyzed for RCRA metals using Inductively Coupled Plasma (ICP).

The VOC report is attached.

4.0 REMARKS

Sample will be retained for 30 days from date of this report and then discarded unless other arrangements are made.

Cordially,

LEGEND TECHNICAL SERVICES, INC.

Cheryl Sykora, CIH, CSP, CHMM

Senior Industrial Hygienist