

CRYSTALLINE SILICA TEST REPORT

Paxwood Pty Ltd | ABN 38 635 692 456
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Section 1 Product and Supplier Identification

Supplier	Paxwood Pty Ltd t/a Clever Choice Design Floors Unit 1, 164 Adderley Street West, Auburn, NSW, 2144 Phone: 07 5526 7399 (Qld) or 02 9737 9949 (Syd) Emergency/after-hours: 0419 399 476 Website: www.cleverchoice.com.au
Product Name	Clever Vinyl 2.5mm
Product Use	Vinyl floor covering for residential or commercial
Sampling Date	12/01/2023
Analysis Date	20/01/2023

Section 2 Overview

Method	Samples analysed by Greencap. The samples were ashed at 500oC to remove the organic component. The ash was pulverized then analyzed by X-ray diffraction to identify the minerals present. Quartz was not detected within the sample (with a limit of detection of <0.2). Each sample and its content were determined by XRD measurements of the sample and of a pure quartz standard. The quartz content was corrected by the X-Ray absorbencies of the samples, which were estimated from their mineralogies.
Sampling	Samples have been analysed on an “as received” basis. All sampling conducted by the customer. All data supplied by the customer.
Comment	Quartz is a hard crystalline mineral made of silica. For crystalline silica to become “respirable”, it must be disturbed in such a fashion that a fine dust (particle size less than 10 µm) is formed in the atmosphere.
Note	The results relate only to the samples tested. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Section 3 Analysis Results

AIRSAFE



GREENCAP

Going Further in Managing Risk

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Crystalline Silica Analysis Report No: 53553

CLIENT:	Airsafe Laboratories Pty Ltd	RECEIVED IN LAB:	17 January 2023
ATTENTION:	Mitchell Bromfield	DATE ANALYSED:	20 January 2023
JOB NO:	66492	CLIENT CONTACT:	02 9555 9034

1. INTRODUCTION

Two samples were received with a request for determination of their crystalline silica content.

2. PROCEDURE

The samples were ashed at 500°C to remove the organic component. The ash was pulverized then analyzed by X-ray diffraction to identify the minerals present.

3. RESULTS

The ash is approximately 53% of the original sample of Vinyl 2.5mm. The results are as follows

Sample ID	ID	Crystalline Silica (Quartz) Content (est wt%)	Major Other minerals detected
66492-2	Vinyl 2.5mm	2.1%	Calcite, dolomite

Calcite is calcium carbonate and is non-hazardous – it is usually derived from marble or limestone rock.
Dolomite is calcium magnesium carbonate and is non-hazardous - it is usually derived from dolomitic marble or dolomitic limestone rock

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