

## TEST REPORT

**DATE OF REPORT** : 21 Augustus 2020

**DESCRIPTION OF SAMPLES** : 3 Rock Filla spray cans

**REPORT NO.** : AL316/2020

**QUOTATION NO.** : QAL 915/2020

**CUSTOMER ORDER NO.** : Internet payment

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**DESCRIPTION OF TESTS REQUIRED** : Spray tests with analysis of vapours for diisocyanates

**CONDITION OF SAMPLES** : Samples were received at room temperature

**DATE SAMPLES RECEIVED** : 11 August 2020

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**TEST METHOD:**

ANALYSIS	DESCRIPTION
Analysis for diisocyanates	OSHA method 47

**TEST PROCEDURE FOR TAKING AIR SAMPLES:**

The test was performed in an air tight room with no ventilation during the test. The dimensions of the room were 3.43m x 2.46m x 2.4 m. The test were performed on 3 Rock Filla spray cans The sampling and preparation of the test was according to OSHA method 47. The spray cans were shaken vigorously for 1 minute before spraying. The following conditions were adhered to during the test;

1. The spray can was sprayed onto a wet vertical cardboard surface at a height of 1.75m.
2. The spray can was sprayed for 20 seconds onto the cardboard (five times the usual expected spray time during use).
3. The air sampling of the vapours were performed at a height of 1.6m and 1m away from the cardboard surface. The air sampling was performed for 30 minutes at 1.5 litre/minute.
4. Steps 1-3 were repeated for all three the spray cans.
4. The samples were then analysed according to OSHA method 47.
5. The room where the test was performed was extracted for 1 hour after each test to ensure no carry over of vapours between tests.
6. The humidity was 20% during the test and the room temperature for all three tests was at 17.8 degrees Celsius. The humidity and temperature could not be controlled and was only monitored during the tests.

**TEST RESULTS:**

ANALYSIS	Spray can 1	Spray can 2	Spray can 3
Diisocyanates	-	-	-

"-" = not detected. Not detected means the concentration was lower than what can be detected by the method used.



**WORK PERFORMED BY:** **F Visser**  
**(Chief Scientist)**

**21/08/2020**  
**Date**

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