

## **Confirmation of SANS120:2009, Edition 2 Compliance**

It is hereby confirmed that a representative of Rock Filla Mining Tamping Foam has provided satisfactory proof that its Rock Filla Mining Tamping Foam product fulfils the requirements for materials safety, usage safety and environmental compliance in accordance with Section 21 of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996), read with Section 4.14(3) of the Regulations Relating to Explosives, as set out in SANS 120:2009 Edition 2.

<b>Name and Address of Supplier:</b>	SIBAMBENE MINING SUPPLIES 31 Lange Street Lydenburg 1120
<b>Product Evaluated:</b>	Rock Filla Mining Tamping Foam
<b>Date of Evaluation</b>	September 2020
<b>Evaluation Report No:</b>	SME03-2017 A Rev 2.0

### Compliance Evaluation Summary

<b>4.2 Materials Safety</b>	
4.2.2 Flame Resistance	Suitability of Rock Filla Mining Tamping Foam for use in a stemming application confirmed by report of SANS120:2009 flame resistance test conducted at FIRELAB Laboratory.
4.2.3 Toxicity	Health risk assessment found no toxic risk to humans or the environment from application of the Rock Filla Mining Tamping Foam under normal conditions of use as stemming material. Finding confirmed by exposure measurements performed by Armscor Protechnik Laboratory.
4.2.4 Electrostatic build-up	Not evaluated.
4.2.5 Chemical Reactivity	Written confirmation of compatibility: AEL Mining Services – S100 emulsion. Sasol – Bulk emulsion explosives and Sasol Expanfo range
<b>4.3 Usage Safety</b>	
4.3.1 Insertion of Stemming Material	Written instructions addressing insertion and extraction of stemming material distributed with product. Rock Filla Mining Tamping Foam stemming to be inserted, and extracted from a misfire, as per manufacturer instruction.
4.3.2 Extraction of Stemming Material	
<b>4.4 Environmental Compliance</b>	
	Low risk of environmental contamination under normal conditions of use. Relevant ISO14001 requirement: <i>Waste Management</i>  Classification: Cured Rock Filla Foam – General Waste. Aerosol can – Hazardous Waste.

## **6.Packaging and Labelling**

6.1 Packaging	Rock Filla Mining Tamping Foam is packed in pressurized metal containers, which the manufacturer indicates complies with the requirements of the Consumer Council
6.2 Labelling	Manufacturer assures that the word 'STEMMING' is displayed on boxes in which Rock Filla Mining Tamping Foam is distributed.

## **Supporting Information**

Materials Safety Data Sheet (MSDS)	MSDS supplied by applicant. Document is complete with format in accordance with SANS-11014, incorporating requirements of SANS-10234:2008.
Downstream process impacts	Evaluation by metallurgical engineer confirm the application of the Rock Filla Mining Tamping Foam as stemming material is not expected to have any measurable effect on the processing of ore..
Technical performance	Not evaluated here. External process.

## **Notice**

This confirmation is valid for the product evaluated as described in Evaluation Report No.SME03-2017 A Rev 2.0. Any changes to product composition requires re-assessment and re- issue of this compliance confirmation.

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