

**Joint-Stock Company
“Chukotka Mining and Geological Company”**



REPORT

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Slipcoat MRA Fluid for Apron Feeder

Developed:

Mill Process Superintendent

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Kupol
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In November 2016 Kupol Mill received from DVO warehouse one barrel of Slipcoat RMA fluid (206L) for industrial tests.

Since December 16 we started using Slipcoat RMA fluid for treatment of apron feeder surface.

Normally cleaning was performed by two employees. Time spent for cleaning totals 3 hours per shift (6 hours per day is the working time required for cleaning average spills). With higher ore moisture, the amount of spills increases as ore freezes to feeder work surface.

Prior to start using Slipcoat RMA fluid for apron feeder it is required to clean work surface, this operation takes 30 minutes of working time. After the surface is cleaned, it is covered with Slipcoat RMA. This operation takes 15 minutes of working time with 15 L of fluid consumed.

After using Slipcoat RMA the amount of spills reduced and the cleaning process takes one hour per shift (2 hours per day).

See photos before and after treatment in the Appendix.

Appendix

Before using Slipcoat RMA



After using Slipcoat RMA



Slipcoat RMA fluid reduces ore scaling and freezing to apron feeder surface and this allows to free up 4.5 man-hours per day. This time is spent then for control, maintenance and repair of crushing equipment.