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MINING AND CONSTRUCTION INDUSTRIES ADHESIVES, SEALANTS & PROTECTIVE COATINGS

Shape It Adhesives is a Zimbabwean manufacturer of world class, high quality ADHESIVES, SEALANTS & PROTECTIVE COATINGS. We offer a wide range of polymeric products and services which include :



PRODUCTS OFFERED TO MINING & CONSTRUCTION INDUSTRY

- Crusher Backing Compounds
- Epoxy Grouting Compounds
- Epoxy Pastes - Non Slump
- Epoxy Mortar
- Pu & Epoxy Coatings
- Rail Joint Steel Adhesives
- Structural Adhesives
- Reflective Road Marking Paints (Cold & Thermoplastic)
- Bitumen Emulsions - Stable 60, Cat Mix
- Bitumen 70/100
- Bitumen Primers - Mc 30, Tp7
- Road Studs Adhesives
- Anti Corrosion Pipe Wraps
- Concrete Sewer Liners
- Dust Control & Road Stabilization Compounds

SERVICES OFFERED TO MINING & CONSTRUCTION INDUSTRY

- Mastic Asphalt Waterproofing
- Sewer Ponds, Dams And Slurry Linings
- Anti Wear Systems
- Chemical Resistant Epoxy & Pu Flooring
- Concrete Structural Repairs
- Construction Joint Sealants
- Anti Corrosion (Acid & Alkali) Systems To Metal And Concrete Surfaces
- Water Reservoir Rehabilitation
- Water Tanks / Reservoir Waterproofing
- Process Tanks and Pipes Protective Coatings
- Bridge Expansion Joint Sealants
- Sewer Works Concrete Lining
- Irrigation Canals Waterproofing

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Daily Mining Watch

Mining Intelligence – Today
Friday 10 July 2020

This is your daily dose of information on mineral prices, mineral commodity markets and mining company performance.

Quote of the Day: Silver investment demand up by 10 percent in first half of 2020 - *The Silver Institute*

MINERAL PRICES

Precious Metals

Table 1: Precious Metal Prices -USD/oz

Metal	Current <small>Day close</small>	Previous <small>Day Close</small>	+/- (%)
Gold	1,803	1,809	-0.3%
Silver	18.64	18.73	-0.5%
Platinum	818	847	-3.5%
Palladium	1,882	1,854	+1.5%

Dips in precious metal prices continue to be well supported as the metals were on routine downside corrections following recent highs. Gold shed 0.3% to consolidate at USD1,803/oz. Silver followed suit shedding 0.5% to trade at USD18.64/oz from USD18.73/oz .Platinum shed 3.5% to trade at USD818/oz from USD847/oz. Palladium held its sideways trading pattern gaining 1.5% to trade at USD1,882/oz from USD1,854/oz.

Top gains

- Copper 1.9%
- Aluminium 1.9%
- Palladium 1.5%

Top losses

- Platinum -3.5%
- Nickel -0.7%

Covid-19 Count

Zimbabwe

- Screened 82 077
- Tested positive 885
- Recovered 206
- Deaths 9

Global

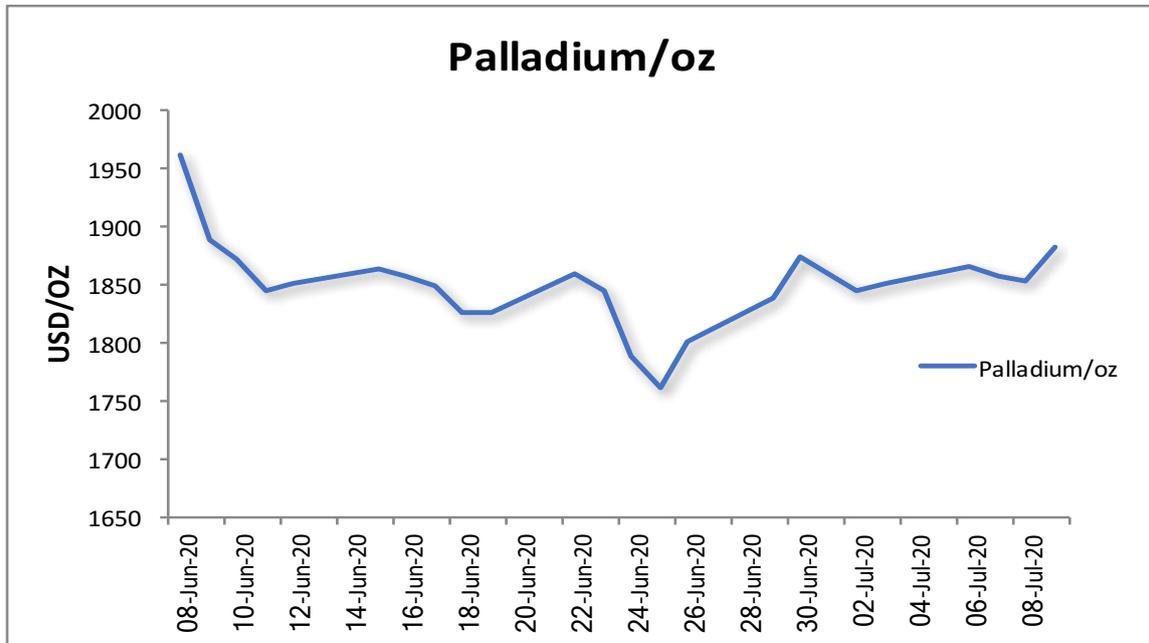
- Tested positive 12.3M
- Recovered 7.2M
- Deaths 557K

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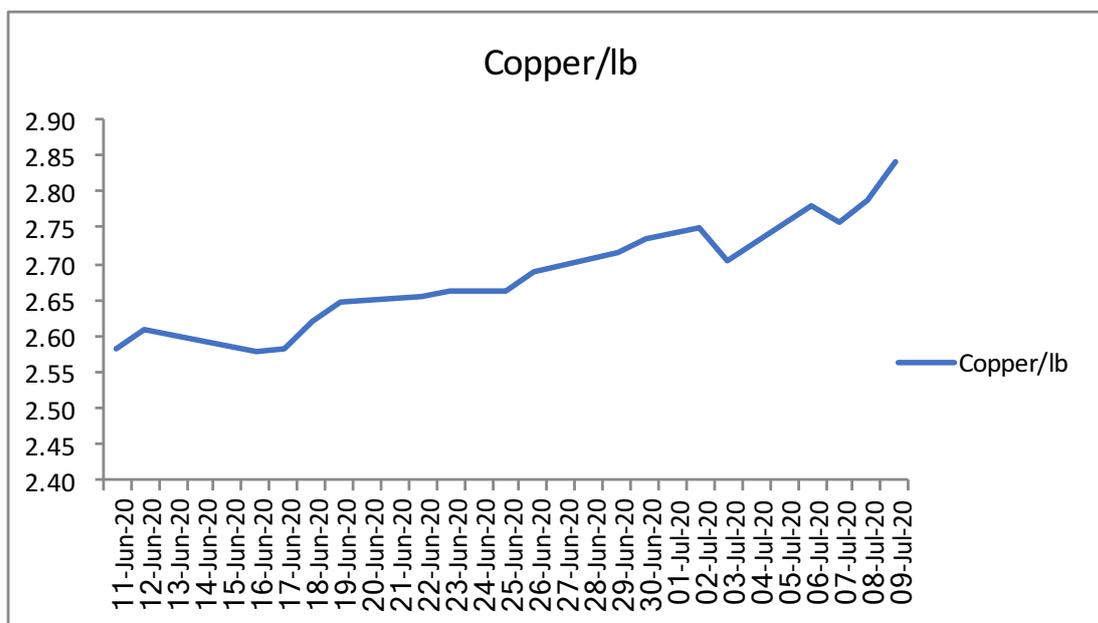


Base Metals

Table 2: Base Metal Prices - USD

Metal	Current <small>Day Close</small>	Previous <small>Day Close</small>	+/- (%)
Chrome/ton	439.05	438.07	+0.2%
Nickel/lb	5.99	6.03	-0.7%
Copper/lb	2.84	2.79	+1.9%
Cobalt/ton	427.37	426.41	+0.2%
Aluminium/lb	0.74	0.73	+1.9%
Lead/lb	0.83	0.82	+0.7%
Tin/ton	17,000	17,000	0%
Zinc /lb	0.96	0.95	+1.3%

Base metals firmed up on the back of improved demand as well as unfolding supply disruptions. Copper gained 1.9% due to disruptions in supply by top producer Chile with unions reporting that nearly 3000 Coldeco workers were infected by Covid -19. Aluminium gained 1.9% to trade at USD0.74/lb from USD 0.73/lb. Lead gained 0.7% to trade at USD0.83/lb from USD 0.82/lb. Zinc firmed by 1.3% driven by the delay in concentrate exports from Red Dog mine, one of world's largest zinc mines. Chrome price was steady gaining 0.2% to trade at USD439.05/ton from USD 438.07/ton. Sellers reported problems in shipping material out of South Africa's ports as Covid-19 related challenges constrained logistics, whilst buyers insisted that the current supply issue is less likely to disrupt the market given that stocks at ports are still high. Cobalt gained 0.2% to trade at USD427.37/ton from USD 426.41/ton. .Nickel traded sideways shedding 0.7% from previous week gains to trade at USD5.99/lb from USD 6.03/lb. Tin remained unchanged at USD17000/ton.



Energy Materials

Coal remained unchanged at USD40/ as prices generally remained flat amid a muted spot market while buyers and sellers are in a stalemate. Uranium remained unchanged at USD32.80 /ton.

Table 3: Energy Material Prices -USD

Metal	Current <small>day close</small>	Previous <small>day close</small>	+/- (%)
Coal/ton	40	40	-
Uranium/ton	32.80	32.80	-

Battery Materials

Lithium continued in sideways trading gaining 0.2% to trade at USD4,437/ton from USD4,427/ton. Vanadium and Graphite traded unchanged from previous day levels, at USD6.20/lb and USD1,800/ton respectively.

Table 4: Battery Materials Prices -USD

Metal	Current <small>day close</small>	Previous <small>day close</small>	+/- (%)
Lithium/ton	4,437	4,427	+0.2%
Vanadium/lb	6.20	6.20	-
Graphite/ton	1,800	1,800	-



Steel locker bank of 6 x 4 tier



Steel locker bank 2 x 2 tier



Steel locker full length



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MINERAL COMMODITY MARKETS

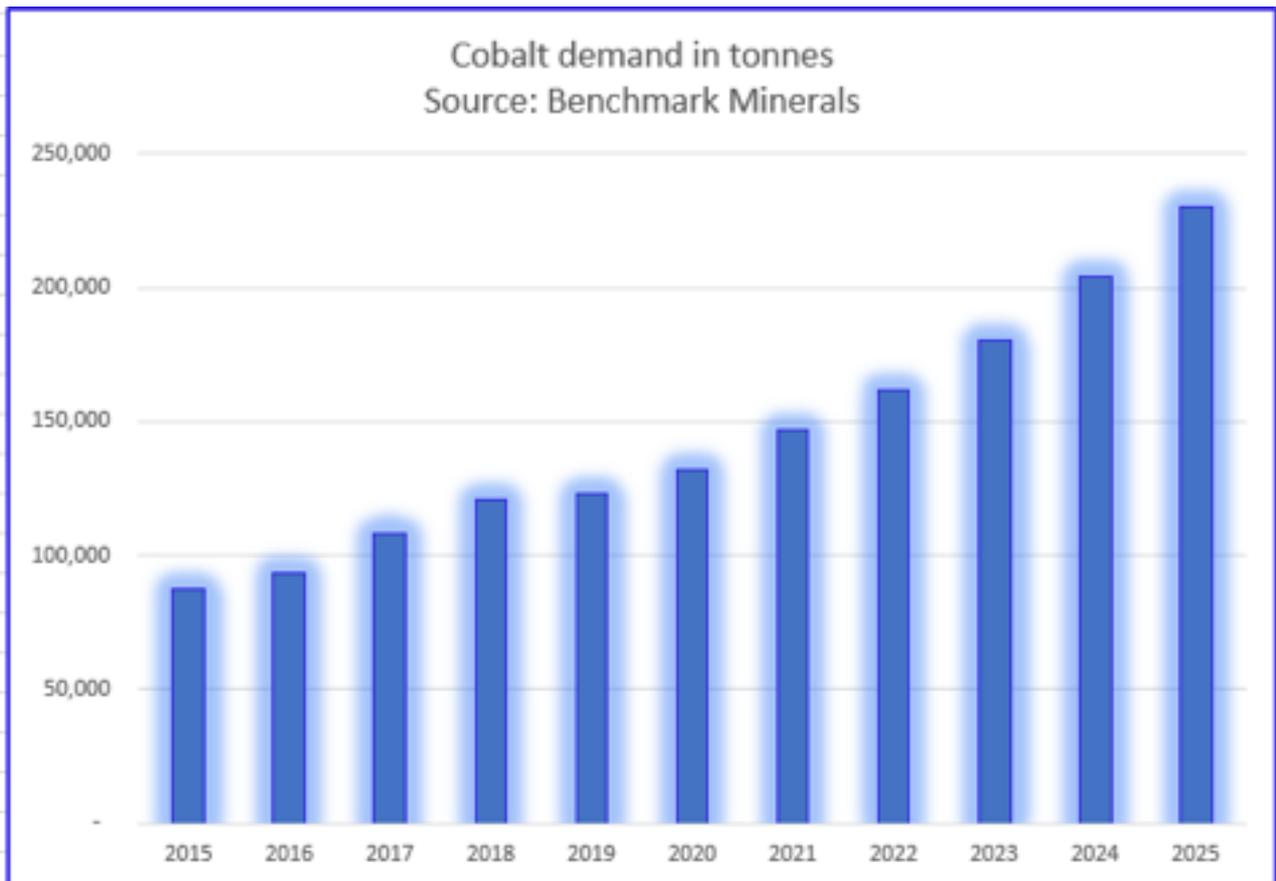
The economic impact of the COVID-19 pandemic has led to further price declines for some commodities in 2020, while gold continues to climb amid global market uncertainty. The 2020 forecast for metals and minerals continues to be mixed with the expectation that prices for metallurgical coal and zinc will continue to fall and copper will rise slightly. Gold and silver prices are expected to continue their upward trend.

Amid the uncertainty, the most recent global CEO survey indicated that environmental, social and governance (ESG) issues are a growing priority for business executives, including those in the mining industry. These issues are even more relevant in light of the COVID-19 pandemic, which has brought attention to issues—such as health and safety, community engagement and environmental impacts—that will only rise in importance in the future. **-PWC ESG: Resilience and opportunity in uncertain times BC mine excerpts.**

MINERAL OF THE DAY

Cobalt

Subdued demand in China due to the coronavirus and large stocks of cobalt are expected to outweigh supply losses from Glencore's giant Mutanda mine in Central Africa and cap prices of the battery metal for some months. The spread of the virus in China, which dominates production of the batteries that power electric vehicles, had seen factories shut down, cutting demand for cobalt chemicals. Cobalt demand in China and prices are expected to pick up once the virus is under control, but the timing is uncertain and there are limits to what Chinese consumers will pay. "Our base case assumes that demand will be hit in the short term as the government takes action to contain the virus, putting pressure on cobalt prices in the short term," said CRU Group analyst Daniel Chen. "There could also be a raw material stock build as mine supply is located outside China." More than 70% of the world's cobalt supplies estimated this year at around 135,000 tonnes come from the Democratic Republic of Congo, in the form of hydroxide which is easily converted into chemicals for rechargeable lithium-ion batteries.



MINING THE NEWS

Local Mining News

PPC signs up contractor for 32MW solar plant

CEMENT maker Pretoria Portland Cement (PPC) Zimbabwe says it has secured a partner to build and operate a 32MW solar park to power two of its plants. PPC joins a growing list of manufacturers and miners who are installing solar power as an alternative to

erratic power supply. The electricity crisis worsened last year after drought forced the Kariba power plant to drastically cut electricity generation.

— newZWire

PPC signs up contractor for 32MW solar plant

Caledonia Mining Corporation, which owns Blanket Mine, says it has increased quarterly output by over 12 percent in the first half despite the challenges created by the coronavirus pandemic. The miner described its production performance in the last quarter as an outstanding achievement, with gold output rising 6,2 percent at 13 499 ounces in the three months ended June 30, 2020. It marked production for the first half of 2020 at 27 732 ounces, up 12,5 percent versus the same period last year.

"The production of 13 499 ounces in the second quarter is an outstanding achievement given the challenges faced during the quarter as a result of the Covid-19 Pandemic," Steve

Curtis, Caledonia's chief executive said in a statement. Curtis added: "For production to be 12.5 percent ahead of the corresponding 2019 level at the half-year stage leaves us well placed for the full year and on track to meet our full-year guidance of 53 000-56 000 ounces. "This strong performance and high gold prices have ensured that the business remains on a very solid foundation as we prepare for the next phase of our growth with the completion of the central shaft in 2020 and increased production to 80 000 ounces by 2022." Meanwhile the miner is still expecting to close the year with its forecast production output of between 53 000 to 56 000 ounces.

—The Herald 10 July 2020.

Mines, firms warned against environmental violations

THE Minister of Environment, Climate, Tourism and Hospitality Industry, Mangaliso Ndlovu, yesterday warned Chinese-owned mines and firms operating in Chegutu Rural District against violating environmental laws and regulations. The environmental degradation was exposed during the tour of four Chinese companies that are into chrome mining, quarry extracting, tile making and brick moulding by Minister Ndlovu who was accompanied by Mashonaland West Minister of State, Mary Mliswa-Chikoka, Norton member of Parliament Temba Mliswa and officials from

Environmental Management Agency (EMA). Minister Ndlovu said the Government was not going to fold arms and watch companies violating the environment. He said the companies were supposed to conform with laws particularly Section 73 of the constitution, which provides for the Government to safeguard environment and deliver safe and clean environs to citizens. "My visit to these sites has been necessitated by the need to see the impact the companies have done after having been invited by the Member of Parliament," he said. — The Herald 9 July 2020.

Blanket Mine Q2 output up

GWANDA-based gold mining firm, Blanket Mine, has produced 13 499 ounces of the yellow metal in the second quarter ended June 30, 2020 reflecting a 6,2 percent increase compared to same period last year. The mine, which is owned by Caledonia Mining Corporation, has a target to produce between 53 000 and 56 000oz this year.

In a statement, Caledonia said: "Approximately

13 499oz of gold were produced during the quarter, an increase of approximately 6,2 percent on the 12 712oz produced in the corresponding quarter of 2019." The mining group also indicated that the total gold output for the first half of the year was 27 732oz about 12,5 percent above the 24 660oz produced during the comparable period in 2019.— The Chronicle 10 July 2020

Falgold mine issues cautionary statement

ALLING gold mining firm, Falcon Gold Zimbabwe Limited (Falgold), has issued a further cautionary statement relating to cash offer to minority shareholders and its suspension from the Zimbabwe Stock Exchange. The struggling gold miner was again suspended from the Zimbabwe Stock Exchange early this year after it failed to publish financial results for the year ended September 30, 2019. The suspension was done voluntarily after Falgold sought permission from the regulatory authorities. In February 2019, the mining firm was suspended by the local bourse for failing to publish audited financial results for the year ended September 30, 2018. The suspension

was lifted seven months later after the gold miner fulfilled the listing requirements. In a cautionary statement released this week, Falgold said: "The directors of Falcon Gold Limited wish to advise all shareholders and the investing public that the company is still engaged in discussions that involve a potential transaction that may have a material impact on the value of the company's shares. "The transaction relates to a cash offer to minorities and the termination of the ZSE listing." It said further details of the transaction will be provided once discussions have been finalised.

-The Chronicle 10 July 2020

MINING THE NEWS International Mining News



Rio Tinto to shutter aluminium smelter in New Zealand on bleak industry outlook

Global miner Rio Tinto said on Thursday it will wind down operations and eventually close its New Zealand Aluminium Smelters (NZAS) venture citing non-viability of the business due to high costs and challenging outlook for the aluminium industry. As a result, NZAS has given New Zealand power producer Meridian Energy notice to terminate an existing power contract, which will end in August 2021, when

the wind-down of operations is expected to complete, the miner said in a statement. NZAS is New Zealand's largest single power user, and is a joint venture between Rio holding a 79.4% stake and Sumitomo Chemical Co Ltd holding 20.6%. It employs around 1000 people directly.

- Kitco Mining News 8 July 2020

Codelco unions say nearly 3,000 miners infected by coronavirus, call for enhanced safety

Unions at Chile's Codelco, the world's largest copper producer, said on Wednesday that nearly 3,000 workers had been infected with the coronavirus, prompting renewed calls for more safety measures at the company's sprawling operations. Patricio Elgueta, president of the Federation of Copper Workers (FTC), an umbrella group for the company's unions, told Reuters it had tallied 2,843 coronavirus infections among workers as of July 5. "The company does not give the database to the workers, so we have to rebuild it every day in order to see how (infections) are progressing," he said. Codelco did not immediately reply to requests for comment on the figure. Some unions and social groups have called on Codelco and other miners to halt operations around the mining hub of Calama, a desert city surrounded by some of Chile's largest copper deposits. State-run Codelco, which turns over all its

profits to government coffers, has largely maintained mine output despite shutting down its Chuquibambilla smelter and slashing on-site staff by as much as 40%. Elgueta said calls for more safeguards will continue until the company prioritizes health and safety over production.

"They make it seem as though we want to shut down mining, but we only want to protect the lives and health of workers," Elgueta said. The coronavirus outbreak has exploded across much of Chile's mine-rich northern desert. The South American nation has recorded more than 300,000 cases and upward of 6,500 coronavirus-related deaths. Mining Minister Baldo Prokurica has pleaded with mining companies to protect the health of workers while maintaining output, a balance that had become increasingly difficult as infections spike in the mine-rich nation. -Kitco Mining News 8 July 2020

Teck flags shipment delays from Red Dog zinc ops due to loading arm failure

Teck Resources Ltd. flagged delays in concentrate shipments from its Red Dog zinc operations in Alaska after the loading arm on one of two shipping barges at its port failed on July 3. The company said that it expects shipments from Red Dog to commence in about seven days with only one barge operational, while repairs to the barge involved in the incident are expected to be completed in about four weeks. Teck said that the incident

will affect the timing of customer deliveries, but Red Dog still expects to ship all of its production during the shipping season. The company completed testing of the loading arm on the second shipping barge at the port to ensure its integrity. No injuries or environmental impacts related to the loading arm failure were reported. Red Dog is one of the world's largest zinc mines. - S & P Global 7 July 2020

UPCOMING EVENTS



Gold Watch: Effects of the Gold Price Rally In Africa
Time: 1300 GMT
Date: 28 July 2020



Webinar 29 July: Integrating renewable energy into existing thermal energy grids
Time: 1000GMT

DIGITALIZATION IN MINING CONFERENCE 2020
14 July 2020 - 30 July 2020
Online conference



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