



May 10, 2023

## **Sustainable Material Expo Osaka 2023: To Showcase New Materials for SDGs and Carbon Neutrality.**

Mitsui Mining & Smelting Co., Ltd. (President: NOU Takeshi; hereafter, “Mitsui Kinzoku”) announces that its Engineered Powders Division will exhibit at the Sustainable Material Expo Osaka 2023 to be held at INTEX Osaka from May 17 (Wed.) to 19 (Fri.), 2023. We will introduce cases of our environmental activities to explore new business opportunities for a sustainable society.

The Engineered Powders Division, which specializes in the development, design, and recycling of inorganic materials, will introduce brand new sustainable products and Life Cycle Assessment (LCA) case studies. Let us discuss sustainable future together, starting with new products: negative thermal expansion powder, high UV resistant black powder for near-infrared transmissive film, anti-bacterial and anti-virus coating liquid with excellent transparency, and Cu-based wiring material that can be calcined at low temperature and in the atmosphere.

For a visitor ticket, please register [here](#) in advance. Visitors without bringing the ticket will be charged.

### ■ Exhibition outline

Name of trade show: Sustainable Material Expo Osaka 2023

Time and date: From 10:00 a.m. to 5:00 p.m. from Wednesday, May 17 to Friday, May 19, 2023

Venue: INTEX Osaka (Suminoe-ku, Osaka-shi, Osaka)

Mitsui Kinzoku booth: 2-6

Official website: <https://www.material-expo.jp/hub/en-gb.html>

Products to be exhibited:



(1) New negative thermal expansion powder (CZVPO)



(1) New negative thermal expansion powder (ZMP)



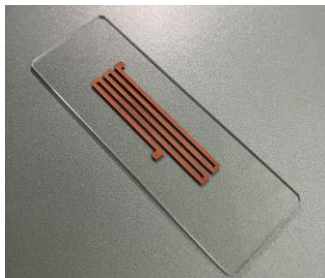
(1) New negative thermal expansion powder (ZSP)



(2) Black powder for near-infrared transmissive films



Highly transparent antibacterial & antiviral coating solution



Copper-based wiring materials that can be calcined at low temperatures and in the atmosphere

[Contact]

General exhibition inquiries:

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About the products to be exhibited

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