

Unique experiments with Gallium - special metals that can melt on human hands

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According to Wikipedia, at temperatures greater than 29.76 degrees Celsius (above room temperature but below the human body temperature of 37 degrees Celsius), Gallium is a liquid. So when you put this metal on human hands, it will melt. At ambient temperatures, the metal is silver-green but in a liquid state it looks like white silver and mirrors.

Because of such strange properties, Gallium is often used in many studies. Recently, Dan and Gav guys of YouTube channel Slow Mo Guys have experimented with Gallium and slowed down their very interesting movements.

The two men performed liquid Gallium slowdown in three different scenarios. First, they poured Gallium liquid onto the speaker to see its reaction to vibrations.



In the second experiment, they poured Gallium out of a large cup into the plate below to create an effect that looked like a full-river river.

