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**Nissan develops paint to keep cars cooler – 5th September 2024**

## Level 0

Nissan has made a paint that keeps cars cooler in sunlight. A car can be 12°C cooler. It means using air conditioning less. This helps a car's battery. Nissan said: "The project is part of [our] pursuit of...innovations that empower journeys, and help create a cleaner, more sustainable society."

The "cool paint" project team got together in 2021. The paint it made is six times thicker than standard paint. This will make cars more expensive. The team leader said: "My dream is to create cooler cars without consuming energy." This is important because electric cars need battery power for air conditioners.

## Level 1

Nissan has made a new paint. It keeps cars that are parked in sunlight cooler. A car can be 12°C cooler. The paint means using air conditioning less. This helps a car's battery. The paint was made with a Chinese company called Radi-Cool. Nissan said: "The project is part of [our] pursuit of...innovations that empower journeys, and help create a cleaner, more sustainable society." The paint is only available in white. Other colours may come in the future.

The "cool paint" project team work at Nissan's Research Center near Tokyo. It started testing the paint in 2021. It is six times thicker than standard paint. This means cars will be more expensive. The team leader said: "My dream is to create cooler cars without consuming energy." This is important because electric cars need battery power for air conditioners. Soon, ambulances that spend most of the day out driving will use the cool paint.

## Level 2

Japan's Nissan has developed a new paint that keeps cars cooler. The paint lowers the temperature inside cars that are parked in sunlight. The paint keeps a car 12°C cooler. The new paint will also reduce the need for air conditioning. This puts less pressure on a car's battery. The paint was developed with a Chinese company called Radi-Cool. Nissan said: "The project is part of [our] pursuit of...innovations that empower journeys, and help create a cleaner, more sustainable society." The paint is only available in white. Nissan wants to make other colours in the future.

The leader of the "cool paint" project works at Nissan's Research Center near Tokyo. His team started testing the paint in 2021. The paint is six times thicker than standard paint. This will make cars a little more expensive. The leader spoke about his work. He said: "My dream is to create cooler cars without consuming energy." He said this was important because electric cars use a lot of battery power for air conditioners. The leader said he hoped vehicles like ambulances that spend most of the day out driving will use the cool paint.

## Level 3

Japanese car maker Nissan has developed a new type of paint that keeps cars cooler. The paint lowers the temperature inside cars that are parked in sunlight. The paint can keep a car 12°C cooler than cars with regular paint. The new paint will also reduce the need for air conditioning. This means there is less pressure on a car's battery. The paint was developed in partnership with a Chinese company called Radi-Cool, a specialist in heat-cooling products. Nissan said: "The project is part of [our] pursuit of...innovations that empower journeys, and help create a cleaner, more sustainable society." The paint is currently only available in white. Nissan hopes to make other colours in the future.

The leader of the "cool paint" project is Dr Susumu Miura. He is a manager at the Nissan Research Center near Tokyo. His team started developing the paint in 2021. Their current paint is about six times thicker than standard automotive paint. This will make cars a little more expensive. Dr Miura spoke about his work. He said: "My dream is to create cooler cars without consuming energy." He added: "This is especially important in the electric vehicle era, where the load from running air-conditioning in summer can have a sizeable impact on the [condition of the battery]." He hopes vehicles like ambulances that spend most of the day out driving will have the paint.