

# Ever wondered what causes the New Car Smell?

The distinct 'new car smell' is actually a complex blend of Volatile Organic Compounds (VOCs) released from various cabin materials. These compounds off-gas from plastics, adhesives, fabrics, and coatings, contributing to the unique interior atmosphere.



**POLISHED PLASTIC PANEL**



**ADHESIVE TUBE**



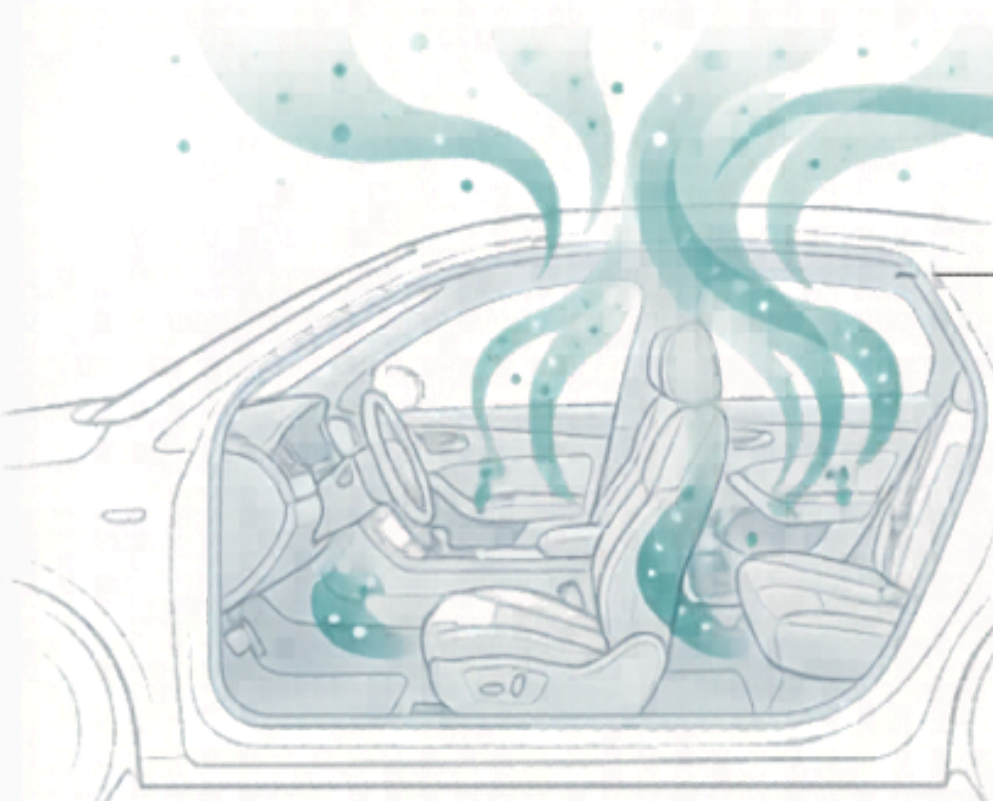
**CUSHIONED CAR SEAT**



**PAINT SPRAY**



**DASHBOARD TRIM**



**OFF-GASSING PROCESS:** In modern car interiors, various compounds emit from cabin materials under different conditions, releasing VOCs into the air, especially when new or exposed to heat.

## VOC Emissions Impact



### CABIN AIR QUALITY

Monitoring VOC levels for occupant health & safety.



### PASSENGER COMFORT

Enhancing overall in-car experience and well-being.



### REGULATORY COMPLIANCE

Meeting international standards (e.g., ISO 12219, VDA 278).

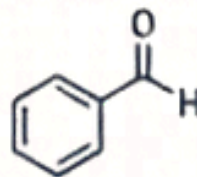


### OEM QUALITY

Ensuring consistent material quality and durability.



### VOC TESTING



### ALDEHYDE TESTING



### FOGG ANALYSIS



### ODOUR EVALUATION



GVS Cibatech supports automotive industry with advanced testing solutions for safer, cleaner, and compliant vehicle interiors.

*Driving towards sustainable and safer vehicle environments for all occupants.*