



EPOXIES IN TRANSPORT

01

Electric vehicles

In electric vehicle (EV) motors, epoxy resins are used as potting and encapsulating compounds for motor and stator windings, and ensure that wound coils stay firmly in place at the revolution speeds of high-performance electrical motors.



02

EV battery protection

Epoxies enhance the longevity of the EV battery with a protective cage, sheltering the battery from corrosion and harsh mechanical impact.



03

Trains

Epoxy based underbody elements help prevent damage from debris, increases service life and helps reduce weight of railcars.



04

Boats and ships

Epoxy resins can bond with various materials to construct and repair lightweight, high performance sports and leisure boats. Epoxy coatings provide effective corrosion protection for boat decks and hulls against fresh and seawater.



05

Lightweight

Vehicles are lighter (tailgates, hoods, roofs...) while maintaining strength, longevity, reliability and safety at the same time, contributing to greener transportation.

