

Vehicles and Machinery being carried

From HM-215N Final Rule

Under the new shipping information, flammable liquid powered vehicles (gasoline and diesel) have a hazard class of 3, Flammable gas powered vehicles (propane, natural gas, etc.) have a hazard class of 2.1. Finally, battery powered vehicles such as a Tesla are under UN3530 with a hazard class of 9.

UN3528, Engine, internal combustion, flammable liquid powered or Engine, fuel cell, flammable liquid powered or Machinery, internal combustion, flammable liquid powered or Machinery, fuel cell, flammable liquid powered, **Class 3**

UN3529, Engine, internal combustion, flammable gas powered or Engine, fuel cell, flammable gas powered or Machinery, internal combustion, flammable gas powered or Machinery, fuel cell, flammable gas powered, **Class 2.1**

UN3530, Engine, internal combustion or Machinery, internal combustion, **Class 9**

As was the case with the old UN3166 shipping descriptions, motor vehicles transported under the new shipping descriptions are still exempt from the hazardous materials regulations by 173.220 with the following restrictions:

§173.220 Internal combustion engines, vehicles, machinery containing internal combustion engines, battery-powered equipment or machinery, fuel cell-powered equipment or machinery.

(h) *Exceptions.* Except as provided in paragraph (f)(2) of this section, shipments made under the provisions of this section—

(1) Are not subject to any other requirements of this subchapter for transportation by motor vehicle or rail car;

The exemptions in 173.220 also do not relieve the carrier of the hazardous materials insurance requirements in Part 387 of the regulations. The eFOTM states the following:

Verify the types and amounts of HM transported, regardless of the exemptions from the HMR that may exist. Carriers transporting HM that are exempt from the HMR (Hazardous Materials Regulations) such as motor vehicles, materials of trade and batteries are still subject to insurance requirements for those HM.