

Pavement Marking Paint

Covered Products:

Water-borne traffic paint:

Ready-mixed, fast drying, white and yellow acrylic water-borne traffic paint for use on bituminous and Portland cement concrete pavements as well as existing paint. Acrylic water-borne traffic paint supplied under this specification shall be designed for heated application, by mobile long line striping equipment.

White and yellow paint shall be manufactured to resist appreciable fading and discoloration under ultraviolet sun exposure. When viewed at night under normal driving conditions, the color of white and yellow traffic paint shall appear similar to its daytime color.

Two-component, epoxy pavement markings:

Covers a white and yellow pigmented regular-dry, two-component, 100% solids, hot applied, epoxy pavement marking material for use on asphalt cement and Portland cement concrete pavements.

Definitions:

Volatile Organic Compound (VOC): Any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions, as specified in part 51.00 of chapter 40 of the United States code of federal regulations.

Specifications:

Environmental performance:

The maximum concentration of volatile organic compounds in pavement marking paint shall not exceed 0.85 lbs/gallon.

Pavement Marking Paint shall be manufactured without lead, chromate, mercury, and cadmium type pigment or other types of pigments or filler materials containing toxic contaminants listed in Table 1 in Code of Federal Regulation Title 40 Section 261.24 Toxicity Characteristic-. Yellow colored pavement marking paint supplied under this specification shall be manufactured using prime organic yellow pigment (Pigment Yellow 65 and/or Pigment Yellow 74).

Take-Back / Recycling:

Affected entities are encouraged to buy only the amount of paint needed for the job to avoid managing leftover paint. If leftover paint cannot be re-used in the next few years before its quality degrades, affected entities are encouraged to recycle/dispose of the excess paint in an environmentally sound manner in accordance with all current Federal, State, and Local regulations governing hazardous disposition. Authorized users are encouraged to purchase paint with maximum recycled content.

In order to be considered for use by affected entities, recycled or waste materials must exhibit the desired engineering characteristics, consistently satisfy specification requirements, provide an acceptable level of performance, be economically competitive with available materials as determined by the affected entity, and not be harmful to the environment.