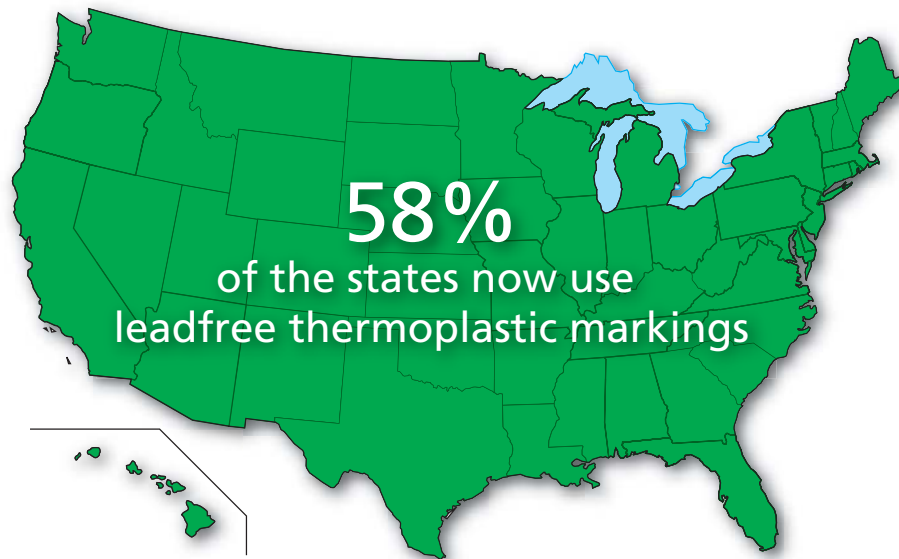


## Is your state using leadfree markings yet?



**M**any of our states have used leadfree thermoplastic markings for a number of years. Since OSHA published their new requirements, many other states have made the change to leadfree. All thermoplastic manufacturers offer leadfree products.

OSHA (Occupational Safety and Health Administration) revised the standard on permissible exposure to hexavalent chromium. This will affect

all state agencies that currently specify lead chromate pigment in their thermoplastic markings.

If you are a state agency, a contractor, a buyer or a manufacturer involved in using markings that contain lead chromate, then you are required to take steps to limit the exposure of you and your employees to hexavalent chromium.

If you have any questions on this matter, we at Crown Technology will be happy to assist.

## What is Ecotherm?

**E**cotherm is our term for our thermoplastic pavement marking material that is pigmented with environmentally friendly colorants. These colorants do not contain hazardous metals such as lead, chromium, cadmium, or mercury. This eliminates OSHA's (Occupational Safety and Health Administration) concerns associated with yellow markings containing potentially hazardous lead chromate pigments. Ecotherm not only eliminates handling concerns, it addresses disposal concerns as well.

Ecotherm is available in a high retroreflectivity formulation that outperforms currently used lead chromate formulations. It is available in both hydrocarbon and alkyd based systems. It can be applied using conventional application equipment and can be applied over existing markings.

Kwikline Ecotherm is our name for our semi-durable thermoplastic pavement marking material. This product also is available in both hydrocarbon and alkyd based systems. It is typically applied at a thickness of 30 – 40 mils. Kwikline can be used to rejuvenate existing markings.

