

ORIGINATION FORM

Date: 10-2-2012

Originator: Paul Vinik

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Specification Title: Traffic Marking Materials

Specification Section, Article, or Subarticle Number: Section 971-1.7

Why does the existing language need to be changed? To bring the FDOT Specifications into compliance with Federal Codes

Summary of the changes: Implemented a maximum threshold on lead and arsenic in retro-reflective elements.

Are these changes applicable to all Department jobs? All jobs involving traffic striping materials.
If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? Should not be a cost difference.

If yes, what is the estimated change in costs? N/A

With who have you discussed these changes? State Specifications and Traffic Design Offices

What other offices will be impacted by these changes? Construction and Maintenance

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? I am not aware of any needed changes.

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No.

Contact the State Specifications Office for assistance in completing this form.

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M E M O R A N D U M

DATE: October 22, 2012

TO: Specification Review Distribution List

FROM: Trey Tillander, State Specifications Engineer

SUBJECT: Proposed Specification: **9710107 TRAFFIC MARKING MATERIALS.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Paul Vinik, of the State Materials Office, to bring the FDOT Specifications into compliance with Federal Codes.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965TT or trey.tillander@dot.state.fl.us. Comments received after **November 19, 2012**, may not be considered. Your input is encouraged.

TT/cah
Attachment

TRAFFIC MARKING MATERIALS.
(REV 10-162-12)

SUBARTICLE 971-1.7 (Page 1094) is deleted and the following substituted:

971-1.7 Additional Requirements: *Traffic ~~stripe~~ marking materials shall be characterized as non-hazardous as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Provide supporting independent analytical data or product material safety data sheets (MSDS) identifying any components listed in Table 1 of 40 CFR 261.23 and the concentration of that component.*

In addition, retro reflective elements shall not contain more than 200 ppm by weight of lead or arsenic in accordance with Environmental Protection Agency testing methods 3052, 6010B, 6010C. ~~Traffic stripe materials shall be characterized as non-hazardous as defined by Resource Conservation and Recovery Act (RCRA) 40 CFR 261 and the material shall not exude fumes which are hazardous, toxic or detrimental to persons or property. Provide supporting independent analytical data or product material safety data sheets (MSDS) identifying nonhazardous designations.~~

~~_____ Additionally, traffic stripe materials shall contain no more than 5.0 ppm lead by weight when tested in accordance with the RCRA reference above. Provide supporting independent analytical data.~~