§ 172.822 Limitation on actions by states, local governments, and Indian tribes.

A law, order, or other directive of a state, political subdivision of a state, or an Indian tribe that designates, limits, or prohibits the use of a rail line (other than a rail line owned by a state, political subdivision of a state, or an Indian tribe) for the transportation of hazardous materials, including, but not limited to, the materials specified in §172.820(a), is preempted. 49 U.S.C. 5125, 20116.

[73 FR 20772, Apr. 16, 2008]

APPENDIX A TO PART 172—OFFICE OF HAZARDOUS MATERIALS TRANSPORTATION COLOR TOLERANCE CHARTS AND TABLES

The following are Munsell notations and Commission Internationale de L’Eclairage (CIE) coordinates which describe the Office of Hazardous Materials Transportation Label and Placard Color Tolerance Charts in tables 1 and 2, and the CIE coordinates for the color tolerances specified in table 3. Central colors and tolerances described in table 1 while allowing for differences in production methods and materials used to manufacture labels and placards surfaced with printing inks. Primarily, the color charts based on table 1 are for label or placard colors applied as opaque coatings such as paint, enamel or plastic, whereas color charts based on table 2 are intended for use with labels and placards surfaced only with inks.

For labels printed directly on packaging surfaces, table 3 may be used, although compliance with either table 1 or table 2 is sufficient. However, if visual reference indicates that the colors of labels printed directly on package surfaces are outside the table 1 or 2 tolerances, a spectrophotometer or other instrumentation may be required to insure compliance with table 3.
TABLE 1—SPECIFICATIONS FOR COLOR TOLERANCE CHARTS FOR USE WITH LABELS AND PLACARDS SURFACED WITH PAINT, LACQUER, ENAMEL, PLASTIC, OTHER OPAQUE COATINGS, OR INK ¹

<table>
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<tr>
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<td>12.00</td>
</tr>
<tr>
<td>Purple and vivid</td>
<td>6.5R 4.0/14</td>
<td>12.00</td>
</tr>
<tr>
<td>Grayish</td>
<td>7.5R 4.0/12</td>
<td>12.00</td>
</tr>
<tr>
<td>Vivid</td>
<td>7.5R 4.0/16</td>
<td>12.00</td>
</tr>
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</tr>
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¹ Maximum chroma is not limited.
² For the colors green and purple, the minimum saturation (chroma) limits for porcelain enamel on metal are lower than for most other surface coatings. Therefore, the minimum chroma limits of these two colors as displayed on the Charts for comparison to porcelain enamel on metal is low, as shown for green (grayish B) and purple (gray).

NOTE: CIE=Commission Internationale de L’Eclairage.

TABLE 2—SPECIFICATIONS FOR COLOR TOLERANCE CHARTS FOR USE WITH LABELS AND PLACARDS SURFACED WITH INK

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### TABLE 2—SPECIFICATIONS FOR COLOR TOLERANCE CHARTS FOR USE WITH LABELS AND PLACARDS SURFACED WITH INK—Continued

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### TABLE 3—SPECIFICATION FOR COLORS FOR USE WITH LABELS PRINTED ON PACKAGINGS SURFACES

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<td>.403</td>
<td>.194</td>
<td>.205</td>
</tr>
<tr>
<td>y (high)</td>
<td>.571</td>
<td>.503</td>
<td>.440</td>
<td>.310</td>
<td>.230</td>
<td>.342</td>
</tr>
<tr>
<td>y (low)</td>
<td>.350</td>
<td>.430</td>
<td>.492</td>
<td>.403</td>
<td>.267</td>
<td>.284</td>
</tr>
<tr>
<td>Y (high)</td>
<td>23.0</td>
<td>41.6</td>
<td>72.6</td>
<td>20.6</td>
<td>15.9</td>
<td>21.2</td>
</tr>
<tr>
<td>Y (low)</td>
<td>7.7</td>
<td>19.5</td>
<td>29.1</td>
<td>7.4</td>
<td>6.5</td>
<td>8.2</td>
</tr>
</tbody>
</table>


### APPENDIX B TO PART 172—TREFOIL SYMBOL

1. Except as provided in paragraph 2 of this appendix, the trefoil symbol required for RADIOACTIVE labels and placards and required to be marked on certain packages of Class 7 materials must conform to the design and size requirements of this appendix.

2. RADIOACTIVE labels and placards that were printed prior to April 1, 1996, in conformance with the requirements of this subchapter in effect on March 30, 1996, may continue to be used.