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Subpart C – Surface Preparation and Preservation

1915.35 Painting

(b)(1) and (8) (b) **Paints and tank coatings dissolved in highly volatile, toxic and flammable solvents.** Several organic coatings, adhesives and resins are dissolved in highly toxic, flammable and explosive solvents with flash points below 80 degrees Fahrenheit. Work involving such materials shall be done only when all of the following special precautions have been taken:

- (1) Sufficient exhaust ventilation shall be provided to keep the concentration of solvent vapors below 10 percent of the lower explosive limit. Frequent tests shall be made by a competent person to ascertain the concentration.
- (8) A competent person shall inspect all power lighting cables to ensure that the insulation is in excellent condition, free of all cracks and worn spots, that there are no connections within 50 feet (15.2 meters) of the operation, that lines are not overloaded, and that they are suspended with sufficient slack to prevent undue stress or chafing.

1915.36 Flammable liquids

(a)(2) and (5) (a) In all cases when liquid solvents, paint and preservative removers, paints or vehicles, other than those covered by 1915.35(b), are capable of producing a flammable atmosphere under the conditions of use, the following precautions shall be taken:

- (2) Ventilation shall be provided in sufficient quantities to keep the concentration of vapors below 10 percent of their lower explosive limit. Frequent tests shall be made by a competent person to ascertain the concentration.
- (5) A competent person shall inspect all power and lighting cables to ensure that the insulation is in excellent condition, free of all cracks and worn spots, that there are no connections within 50 feet (15.2 meters) of the operation, that lines are not overloaded, and that they are suspended with sufficient slack to prevent undue stress or chafing.