

123100 MANF METAIL CASEWORK

2.12 SOLVENT (FLAMMABLE) STORAGE

- A. Design and construct in accordance with OSHA regulations, FM, UL and NFPA 30, National Fire Protection Association, Flammable and Combustible Liquids Code. Cabinets shall be Factory Mutual (FM) approved and Underwriters (UL) listed with UL/FM approval label affixed to inside of cabinet door.
- B. Design: Inset steel construction.
- C. Cabinet: Bottom, top, back, door(s) and sides of cabinet shall be constructed of 18 gauge cold rolled sheet metal. Double walled with 1 ½ "air space. All joints welded, riveted or of equal effective construction
- D. Door: Provide with five knuckle hinges, manual three point latch and door sill raised at least two inches above cabinet bottom to retain spilled liquid within the cabinet. When more than one door is used, there shall be an overlap of not less than 5/8".
- F. Ventilation: Cabinet shall include two threaded, two inch pipe vent outlets and flame arrestors on the back of the cabinet. Vent as required by local code.
- G. Bottom: In addition to cabinet bottom, provide with minimum two inch deep, lipped, removable, liquid tight, powder coated steel bottom pan.
- H. Shelving: Provide with full width and full depth 3/4 inch thick adjustable shelf.
- I. Identification: All solvent storage cabinets shall be marked with conspicuous, two inch high lettering: FLAMMABLE KEEP FIRE AWAY.
- J. Finish: Finish as specified for metal laboratory casework.
- K. Exterior color as selected by owner's representative from manufacturer's standard color selection.