

RESIN-COATED METAL SHEET AND MANUFACTURING METHOD THEREOF

ABSTRACT OF THE DISCLOSURE

Disclosed is a resin-coated metal sheet which includes a resin film resulting from an emulsion composition containing an ethylene / unsaturated carboxylic acid copolymer as a main component. The emulsion composition contains, other than the ethylene / unsaturated carboxylic acid copolymer, an amine having a boiling point of 100 °C or less in an amount equal to 0.2 to 0.8 mol per mole of the carboxyl groups contained in the ethylene / unsaturated carboxylic acid copolymer, and a monovalent metal compound in an amount equal to 0.02 to 0.4 mol per mole of the carboxyl groups contained in the ethylene / unsaturated carboxylic acid copolymer, and in addition, a crosslinking agent having two or more functional groups capable of reacting with the carboxylic groups in an amount of 1 to 20 mass% per 100 mass% of the solid content of the emulsion composition, and does not substantially contain an amine having a boiling point of more than 100 °C, and ammonia. The resin-coated metal sheet is not only excellent in various characteristics such as coatability, lubricity, formability, grounding property, but also excellent in corrosion resistance after an alkali degreasing step, and also excellent in tape peeling resistance.