

Auto Body Refinishing

Auto body refinishing includes the repairing of damaged vehicles to any coating applications which occur after those applied at the original manufacturers assembly plant. This area source includes paint and thinning solvents used as well as for surface preparation and clean-up.

The methodology is based on the per capita emissions factor because it is considered to be a more reliable factor than the employment factor. Since, Auto body refinishing facility identifications and activity data were not available, the Ohio Department of Development (Office of Strategic Research) is used to obtain the population estimates by county to determine the emissions estimation.

The VOC emissions factor (EF) of 1.3 lb/person is applied to each county's population. This EF includes a thirty-three (33) percent promulgated rule reduction. Since auto body repair shops may also be point sources, the area source emissions estimate must be adjusted by removing the total point source emissions. However, in Ohio, there are no point sources identified for this category.

References:

Ohio Department of Development, Office of Strategic Research. *Population Projects by Age and Sex: 2005-2030*.