

Auto Body – Painting and Flammable Liquids/Gases



Painting

- Ventilation must be at least 100 cfm in the paint booth, so as to adequately remove vapors.
- Fresh make up air must be provided to the booth.
- All electrical equipment used in the spray booth must have explosion proof wiring rated for class I Division I.
- The paint area must be signed as a no smoking area.
 - All wiring, light fixtures and electrical switches located outside of an enclosed spray booth but within 3 feet of the booth openings (i.e. walk-through doors, overhead doors, etc.) shall be approved for use in Class II Division 2 locations.
- No more than one day's supply of flammable materials shall be stored outside of flammable storage areas.
 - All other flammables shall be stored in approved storage areas.
- All employees involved in painting operations shall wear required personal protective equipment as described in other safe operating procedures, owners' manuals, safety procedures, and SDS of materials involved in the procedure.
- Respirators shall be fit tested as described in OSHA standards for spray paint operations. This must be done prior to employee exposure to the substance.
- Training will take place on respirators that includes the purpose of the respirator, the limitations of respirator, the selection, care and use of the respirator, and how to fit test the respirator during the initial and subsequent fit test.
 - It must also be determined that the employee must be able to physically wear a respirator.
- Employees wearing a respirator shall perform a positive and negative pressure-fit test prior to any activity use.
- Respirators shall be cleaned, inspected, and properly stored after each use.

Flammable Liquids and Gases

- Whenever a substance cannot be identified positively it shall not be used.
- Only approved storage containers shall be used.
- If a container has been used for one substance, it should not be used for another substance until it is thoroughly cleaned.
- Dispensing of flammable materials from bulk containers must include appropriate grounding and bonding measures as identified by the Fire Department.
- Employees must not allow sparking to take place as required by OSHA standards in areas where flammable materials are present.
- Trash must be placed in approved receptacles.
- No smoking shall be allowed within 50 feet of flammable storage/use areas.

Additional Resources

[OSHA Hazards & Solutions– Autobody Repair & Refinishing](#)