

SOLVENTS, SEALANTS AND ADHESIVES - DESCRIPTION AND OPERATION

1. General

- A. Solvents, sealants and adhesives are composed of a group of chemicals that often prove toxic. Anyone engaged in maintenance, repair and operation of airplane and airplane accessories may be exposed to these chemicals.
- B. To help avoid the effects of these toxic substances, work only in a clean, well-lit and well-ventilated area. Rubber gloves and protective clothing should be worn. Avoid breathing spray vapors as they are highly toxic.
- C. When working with toxic substances, always be alert for symptoms of poisoning. If symptoms are observed, immediate removal of the victim from the contaminated area is most important.

2. Description

- A. For clarification, the description of solvents, sealants and adhesives are presented in individual paragraphs.
 - (1) Solvents.
 - (a) Solvents are composed of chemicals which are capable of dissolving other materials and are primarily used as a cleaning agent. Solvent cleaning should be used when it is not practical to clean parts by vapor degreasing or immersion in chemical cleaners.
 - (2) Sealants.
 - (a) Sealants are composed of chemical compounds which are primarily used as a seal against the passage of air and liquids. Classification of sealants are categorized by type according to their application.
 - (3) Adhesives.
 - (a) Adhesives are composed of a mixture of chemicals which make an adherent that is primarily used for bonding like or unlike materials, and are classified according to their application.