Safety Data Sheet
ZAP-IT® Laser Alignment Paper

ZAP-IT® alignment paper, sold by Zap-It Laser, meets the definition of an article in the OSHA Hazard Communication Standard (29 CFR 1910.1200(c)):"Article" refers to a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical, under normal conditions of use.

Articles are exempt from the requirements of the Hazard Communication Standard (see 29 CFR 1910.1200 (b)(6)(iv)). ZAP-IT®, sold by Zap-It Laser, contains the substance listed below.

- Paper: Fiber Paper.

The primary health and safety hazard in handling or disposal of Zap-It paper components is the potential for injury from fire, burning or inhalation. Health Hazard Information includes the following:

- Inhalation: Inhalation of smoke caused by laser beam hitting ZAP-IT® should be avoided.
- Skin: No danger
- Eyes: ZAP-IT® poses no threat to the eyes.
- Laser protective eyewear should be worn at all times when operating a laser.
- Oral: Ingestion is to be avoided.
- Personal Protective Equipment: No protective equipment is necessary other than laser eyewear.
- Note: A poly bag can be used to cover ZAP-IT® and trap any smoke or residuals from the laser beam hitting the paper. Using a poly bag will minimize smoke and protect the optics in the laser system.

Like most films and resin-coated papers they are no more hazardous than other celluloid, wood or fabric materials of equivalent shape and weight. The following discusses the combustion characteristics of ZAP-IT® Laser Alignment Paper:

- ZAP-IT® Laser Alignment Papers have a burning rate equal to or less than other cellulose-base products of similar thickness. Tests of resin-coated paper show that the presence of emulsion and polyethylene layers retard the burning rate. The flame-retarding rate of the surface coatings decreases as the thickness of the paper stock increases. Adhesion to a mounting board or a wall increases the amount of thermal energy required for ignition, and also retards the rate at which flames spread. When the cellulose in ZAP-IT® Laser Alignment Paper burns, it can produce carbon dioxide, carbon monoxide, water and many organic compounds, some of which may be irritants. The principal toxic compound is carbon monoxide; its concentration varies with the burning conditions.

Revised 23 October 2017