

## RE: SDL Control Slides and Safety Data Sheets Under the Hazard Communication Standard 29 CFR 1910.1200

**29 CFR 1910.1200(g)(1)** requires safety data sheets as follows:

*Chemical manufacturers and importers shall obtain or develop a safety data sheet for each hazardous chemical they produce or import. Employers shall have a safety data sheet in the workplace for each hazardous chemical which they use.*

According to **29 CFR 1910.1200(c)** the definition of a *hazardous chemical* is:

*Hazardous chemical means any chemical which is classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified.*

A *Health hazard* is defined as:

*Health hazard means a chemical which is classified as posing one of the following hazardous effects: acute toxicity (any route of exposure); skin corrosion or irritation; serious eye damage or eye irritation; respiratory or skin sensitization; germ cell mutagenicity; carcinogenicity; reproductive toxicity; specific target organ toxicity (single or repeated exposure); or aspiration hazard. The criteria for determining whether a chemical is classified as a health hazard are detailed in Appendix A to §1910.1200—Health Hazard Criteria.*

A *Physical hazard* is defined as:

*Physical hazard means a chemical that is classified as posing one of the following hazardous effects: explosive; flammable (gases, aerosols, liquids, or solids); oxidizer (liquid, solid or gas); self-reactive; pyrophoric (liquid or solid); self-heating; organic peroxide; corrosive to metal; gas under pressure; or in contact with water emits flammable gas. See Appendix B to §1910.1200—Physical Hazard Criteria.*

Scientific Device Laboratory control slides are glass slides printed with cured epoxy ink with an inert biological substance. The biological substance is fixed to the slide either by a heat treatment or by a chemical treatment. In the case of the chemical treatment, the fixing substance evaporates completely before productions completed.

Given control slides do not meet the above criterion, and biological substances are exempt for the hazard communication standard according to **29 CFR 1910.1220(b)(6)(xii)**, A Safety Data Sheet for Scientific Device Laboratory Control Slides is not required by the Hazard Communication Standard.