

## Tier II SDSs and Physical and Health Risk Categories

Over the last two years, Illinois Emergency Management Agency (IEMA) has requested Tier II facilities to replace material safety data sheets (MSDSs) with new safety data sheets (SDSs). New SDSs contain 16 sections and conform to HCS 2012. SDSs will contain the information needed for entering new physical and health hazards in Tier II Manager™ chemical entries. Most SDSs will contain regulatory information for Tier II reporting (SDS Section 15). If you do not have a new 16-part SDS for a chemical, please contact the chemical supplier or manufacturer for a copy.

Old hazard categories:

### Physical Hazard

Fire  
Pressure  
Reactivity

### Health Hazard

Immediate (Acute)  
Delayed (Chronic)

New hazard categories:

### Physical Hazard

Flammable (gases, aerosols, liquids, or solids)  
Gas under pressure  
Explosive  
Self-heating  
Pyrophoric (liquid or solid)  
Pyrophoric Gas  
Corrosive to metal  
Oxidizer (liquid, solid or gas)  
Organic peroxide  
Self-reactive  
In contact with water emits flammable gas  
Combustible Dust  
Hazard Not Otherwise Classified (HNOC)

### Health Hazard

Carcinogenicity  
Acute toxicity (any route of exposure)  
Reproductive toxicity  
Skin Corrosion or Irritation  
Respiratory or Skin Sensitization  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)  
Aspiration Hazard  
Germ cell mutagenicity  
Simple Asphyxiant  
Hazard Not Otherwise Classified (HNOC)

IEMA Tier II Reporting Program

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