

KEY TO USING LITHCO MATERIAL SAFETY DATA SHEETS

ABBREVIATIONS USED IN SAFETY DATA SHEETS

The following abbreviations have been used in the preparation of Lithco Material Safety Data Sheets:

ABBREVIATION	FULL MEANING
ACGIH	American Congress of Government and Industrial Health
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPR	Cardio-Pulmonary Resuscitation
DOT	Department of Transportation
HMIS	Hazardous Materials Information System
IARC	International Association for Research on Cancer
MCA	Manufacturing Chemists' Association
N.D.	Not determined
N/A	Not applicable or Not available
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicological Program
ORM-D	Other Restricted Materials, D indicates consumed commodity
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
ppm	Parts per million
PVC	Polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
SCBA	Self-Contained Breathing Apparatus
TCC	Tagliabue Closed Cup
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile organic compound or content

EXPLANATION OF HMIS SYSTEM

HEALTH HAZARD RATING

- 4** - Extreme. Highly toxic. May be fatal on short-term exposure. Special protective equipment required.
- 3** - Serious. Toxic. Avoid inhalation or skin contact.
- 2** - Moderate. Moderately toxic. May be harmful if inhaled or absorbed.
- 1** - Slight. Slightly toxic. May cause slight irritation.
- 0** - Minimal. All chemicals have some degree of toxicity.

FLAMMABILITY RATING

- 4** - Extreme. Extremely flammable gas or liquid. Flash point below 73° F.
- 3** - Serious. Flammable. Flash point 73° F to 100° F.
- 2** - Moderate. Combustible. Requires moderate heating to ignite. Flash point 100° F to 200° F.
- 1** - Slight. Slightly combustible. Requires strong heating to ignite.
- 0** - Minimal. Will not burn under normal conditions.

REACTIVITY HAZARD

- 4** - Extreme. Explosive at room temperature.
- 3** - Serious. May explode if shocked, heated under confinement or mixed with water.
- 2** - Moderate. Unstable. May react with water.
- 1** - Slight. May react if heated or mixed with water.
- 0** - Minimal. Normally stable. Does not react with water.

PROTECTIVE EQUIPMENT

- A** - Safety Glasses
- B** - Safety glasses, gloves
- C** - Safety glasses, gloves, apron
- D** - Face shield, gloves, apron
- E** - Safety glasses, gloves, dust respirator
- F** - Safety glasses, gloves, apron, dust respirator
- G** - Safety glasses, gloves, vapor respirator
- H** - Splash goggles, gloves, apron, vapor respirator
- I** - Safety glasses, gloves, dust/vapor respirator
- J** - Splash goggles, gloves, apron, dust/vapor respirator
- K** - Air line hood or mask, gloves, full suit, impervious boots
- X** - Ask your supervisor for special handling instructions and equipment