

Addendum to:

Standard Operating Procedures (SOP) for:
Safe Use of Pyrophoric Organolithium Reagents
Pyrophoric Solids
Potentially Explosive Compounds

Effective Date: February 1, 2016
Revision No.: 1

Personal Protective Equipment (PPE)

Skin Protection

Hand protection requirements for the use of liquid pyrophoric chemicals outside an inerted glove box include wearing/donning the appropriate **chemical resistant outer gloves (Neoprene) and fire resistant (FR) inner gloves/liners**.

“Gloves or glove liners composed of the tight weave, inherently flame resistant materials Kevlar®, Nomex®, Kerinel®, or PBI®, or a blend of those materials, of sufficient thickness to prevent or minimize burn injuries to the extent feasible. Gloves or glove liners meeting MIL-DTL-81188C are also acceptable.”

Acceptable glove liners include the following:

- Ansell Kevlar® Goldknit® Lightweight 70-200,
- Hanz Extremity Wear Nomex® Utility 2257C and 2259C.
- Other Kevlar® gloves with the fabric basis weight of a minimum of 7.7 ounces per square yard and if one layer of the material has a minimum of 35 mils in thickness, and
- Other Nomex® gloves meeting the specifications for Hanz Extremity Wear Nomex® Utility 2257G and 2259C.

Laboratories must have these gloves available and use them for this specific research activity. This requirement may not be superseded by reference to a Safety Data Sheet (SDS).

SOP Addendum Reviewed and Approved by:

Print Name

Signature

Approval Date: _____

Facility/Lab Supervisor: _____

