PROCEDURE: LEAD ENCAPSULATION

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LOCATION: Machine Shop Paint Booth

TOOLS: Disposable scissors (to cut open lead covers)
Marker (to identify final product, "LEAD")

SUPPLIES: DI water
Disposable wipes
Gaffers' tape, 2 inch-wide
Cleanroom tape
Disposable large plastic bag
Permanent marker

PPE: Disposable Smock
Disposable gloves (latex or nitrile)
Disposable face mask
Disposable eyewear
Disposable hair net (optional)

POTENTIAL HAZARDS: Inhalation of toxic metal
Lead weight falling on foot

PERSONNEL ADVISORY: Supervisors should discuss any special health concerns related to lead
dust exposure with their employees prior to assignment to this task.

PROCEDURES:
1. Check with Machine Shop Manager, Richard Fellows, for availability of paint booth.
2. Ask Richard Fellows to increase plenum airflow in paint booth (it's normally kept to a minimum).
3. Bring all the PPE's and tools into the paint booth preferably on a cart.
4. Gown up: smock, eyewear, face mask, gloves, & hair net (optional).
5. Lay down one wipe on which to work with one brick.
6. Cut off the plastic cover, one brick at a time.
7. Moisten wipe with DI water.
8. Wipe the inside of the plastic used to cover the brick.
9. Wipe the brick but do no go over the same surface with the same wipe.
10. Dispose of wipe & old plastic cover in large plastic bag.
11. Dry brick with new wipe and dispose of that and used gloves.
12. Put on new gloves.
13. Cut strips of gaffer tape and apply one row at a time.
14. Repeat with cleanroom tape but covering the previous tape's borders.
15. Reclean bricks with lightly moistened wipe.
16. Upon completion, place all PPE's in large plastic bag.
17. Label bricks with word "LEAD".
18. Dispose of properly.

DISPOSAL:

IF THERE IS NO VISIBLE RESIDUE ON THE WIPES, THE LARGE PLASTIC BAG CAN GO INTO THE REGULAR TRASH.

IF THE AMOUNT OF RESIDUE IS CLEARLY VISIBLE, THEN HAZARDOUS WASTE DISPOSAL IS THE CORRECT WAY TO PROCEED.