

Number:	OH&S 9.23.1
Revision Date:	12/02/2013
SWP for Vermiculite Cleanup	

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1. Purpose


- 1.1. To provide the safe work procedures required for vermiculite clean-up following moderate risk procedures.

2. Scope






- 2.1. Save Work Procedures for all Facilities, Maintenance and Contractors in the safe procedures of the removal of Vermiculite

3. Precautions

POTENTIAL HEALTH & SAFETY HAZARDS

HAZARD		TO PROTECT YOURSELF
EXPOSURE		Understand the chemical(s) you are working in the vicinity of. Consult the MSDS and wear the appropriate PPE.

4. PERSONAL PROTECTIVE EQUIPMENT

	Safety glasses must be worn at all times in work area!
	Tyvek suits or other protective suits must be worn to protect workers clothing. Suits must have hoods and elastic at legs and wrists.
	Rubber boots or booties must be worn in work area. Shoes must be fully enclosed, no open toe shoes.
	Latex gloves must be worn at all times while working with or around asbestos
	Respirator with HEPA filters must be worn when working with asbestos containing materials. Workers must be fit tested prior to performing any asbestos work.

5. Objective:

5.1. Clean-up & removal of leaked vermiculite following moderate risk work procedures

6. Responsibilities:**6.1. Supervisors**

Are responsible for ensuring that all workers have the proper personal protective equipment and respirator fit testing along with adequate training prior to carrying out this asbestos removal procedure. Supervisors are also to ensure that all the appropriate paperwork and NOPA have been filed with WorkSafeBC and the Asbestos Control Coordinator and TRU Health and Safety prior to commencement on work activity

5.2 Workers

Workers are to ensure that they are aware of the proper procedures of the removal of vinyl asbestos containing floor tiles procedures. As well the worker must ensure they use all the required personal protective equipment for the task.

7.

8. Required Documentation:

Doc. Number	Doc. Title
	TRU Asbestos Work Permit
	Safe Work Procedures (WorkSafeBC)
	Notice of Project Asbestos (WorkSafeBC)

9. Equipment and materials

- Personal Protective Equipment
- Vacuum cleaner equipped with HEPA filter
- 6 mil poly asbestos bags
- 6 mil poly drop sheets
- Duct tape
- Spray bottle with water
- Wash bucket
- Disposable clothes
- Silicone sealer

10. Procedure

1. Prior to work commencing, all associated documentation must be completed and filed with WorkSafeBC. Work cannot commence until receiving OK from WorkSafeBC.
2. Prior to the start of any work involving asbestos any personnel working in the immediate area will be informed of the nature of the work and that suitable precautions will be made

to ensure that they are not exposed to asbestos fibres.

3. Post warning signs and barrier tape that indicates the asbestos hazard and the requirement for protective clothing for anyone entering the exclusion zone.
 4. All required protective equipment must be worn prior to commencing work.
 5. Vermiculite will be wetted down with water to prevent release of asbestos dust.
 6. Using the HEPA vacuum, vermiculite will be vacuumed up.
 7. Wall and floor will then be sprayed down with water and wiped down with a clean wet cloth to ensure all vermiculite has been cleaned up.
 8. Any holes in walls where vermiculite had escaped will be sealed with silicone sealer.
 9. Once complete, all cloths and drop sheet will be put into one of the 6mil plastic bags
 10. Workers will wipe down their respirators with clean water.
 11. Any tools used will be washed down before removal of work area.
 12. Workers will then remove their Tyvek suits, gloves, booties and place them into poly bag.
 13. All waste is placed into the 6 mil poly bags, using the vacuum to remove all air in the bag and then sealed with duct tape. This bag is then placed in a second poly bag, have all air removed and end sealed, folded over double and sealed again with duct tape.
 14. The hose end of the vacuum will be sealed with duct tape to ensure no release of asbestos from the vacuum or vacuum hose.
 15. Workers will then wash their hands and arms thoroughly.
 16. All equipment will be removed from the area.
 17. Workers then remove their respirator and place duct tape over plastic canisters.
 18. All signs and barriers are taken down
 19. All completed documentation is then submitted to the Asbestos Control Coordinator and Health and Safety Department
11. **Records of procedures**
- 11.1. All forms and records from the procedure must be filed through WorkSafeBC and the TRU Health and Safety Department.

11.2. Verification of Understanding

11.2.1. TRU Health and Safety Department will maintain all records with regards to workers respirator fit testing and also ensure all workers are current in their training and respirator fit testing.

11.2.2. TRU Health and Safety Department will maintain all records associated with asbestos training for workers who will be working near or with asbestos containing materials

12. **SUMMARY OF CHANGES**

Revision #	Date	Change (include section #)	Issued By
	12/02/2013	NEW	OHS Manager