Practical No.6: Apply the relevant termite chemical to prevent the surface damage.

I. **Practical Significance-** Applying relevant termite chemicals to prevent surface damage contributes to structural preservation, long-term cost savings, and increased lifespan of wooden elements, maintained aesthetic appearance, and an overall strategy of preventive maintenance. These practical outcomes are essential for ensuring the resilience and longevity of wooden structures.

II. **Industry or Employer Expected Outcome-**

Undertake safe building construction practices with relevant building materials.

III. **Course Level Learning Outcome-**

Use the relevant type of special purpose construction materials in the given situation.

IV. **Laboratory Learning Outcome-**

Apply the relevant termite chemical to prevent the surface damage.

V. **Relevant Affective domain related Outcome**

1. Follow safety practices
2. Practice good housekeeping

VI. **Relevant Theoretical Background**

- Natural oils like orange oil and neem oil can be used to control termites. Orange oil contains a compound called d-limonene which comes in contact with termites and kills them. Neem oil should be applied repeatedly on the wooden furniture till the termite colonies are completely destroyed.

VII. **Actual Diagram with equipment specification**

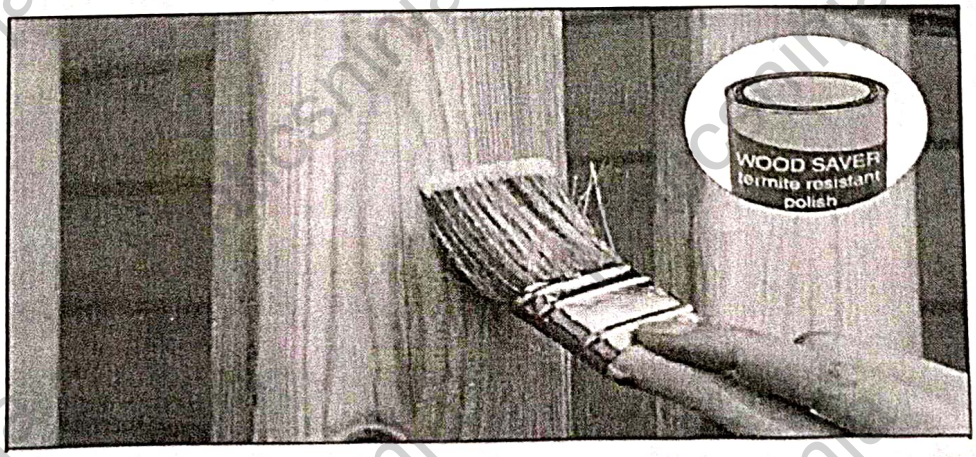

Figure 6.1: Termite Chemical

VIII. Resources required

Sr.No.	Particulars	Specification	Quantity	Remark
1	Anti-termite chemical	---	---	---
2	Brush	---	1 No.	Per batch

IX. Precautions to be followed

1. Handle the particular construction material very carefully so that it will not break at any stage.

X. Procedure

1. Identify the Termite damage on timber.
2. Apply Anti-termite chemical or oil by brush or spray.
3. And observe it after One month and Take an observation.
4. Student should observe the wood after one month by handling properly and note down the same in observation table provided.

XI. Observation Table

Sr.No.	Type of wood	Name of Anti –Termite Chemical/Oil	Observation
1	teak	Boric acid solution	notermite damage
2	pine	neem oil	slight termite actively seen
3	oak	chlorpyrifos	notermite damage
4	plywood	Diesel and kerosene	some termite damaged
5	salwood	anti ternite spary	Completely protected

XII. Result

Ihave use all type of wood, special purpose and construction material in the Situation

XIII. **Interpretation of results**

these practicals axa teames are essential for ensuring the resilience and longevity of moder structures

XIV. **Conclusions and Recommendations (if any)**

neem oils like orange oil can be used to contral termites orange oils contains a compound called which come contact with termites:

XV. **Practical Related Questions**

Note: Below given are few sample questions for reference. **Teachers must design more such questions so as to ensure the achievement of identified CO.** Write answers of minimum three questions.

1. What is Termite Proofing?
2. List the Five Anti-Termite Chemical Name.
3. What is the best Termite proof for wood?
4. How to Control Termite without Chemical?
5. How to manage Dry wood from Termite.

Q. 1 ⟶

Ans:- The white ants which are parend in topical and such tropical and slab resions are known as termine proofing

Q. 2 ⟶ ?

Ans:- Five chemicals that can be used to kill termites include ① firprnit - a broad spectrem insecticide that can also control ants beetiels please and other

Q. 3 ⟶ ?

Ans:- the most effective termite spary for home use typically contains active ingredients such as imadacloprid

Q. 4 ⟶ ?

Ans:- you can control termites without chemical b

XVI. References/ suggestions for further Reading

Sr.No.	Links	Discription
1	https://youtu.be/e4llyNbm4IA?si=_iacAUGgFiEms4xi	Termite chemical
2	https://youtu.be/dtTNU_KgU_M?si=FcxZW3YzVI7TrBzo	Termite chemical
3	https://www.freepik.com/	--