

Indoor Air Problems in Your House

What are the Indoor Air Quality problems existing in your house?

Recently, many reports show that people are in poorer physical condition. It is because of high living density and usage of buildings or interior material which emit chemical substances in either new-built or reformed house, causing indoor air quality problems.

There are different symptoms, such as eyes / throat sore, nausea, feeling unwell, skin irritation, headache, dizziness, breathing problem and so on. Furthermore, chemical substances like formaldehyde, can lead to the deterioration of allergic illness.



Beware of Curtain, Sofa and Any Other Furniture you brought in

Chemical substances are also released from curtain, sofa and any other furniture you brought in.



Wall and Flooring which Occupied the Most Area, are Big Enemy of Clean Air

Materials like adhesive used on wall and/or flooring, will keep on releasing chemical substances in long period of time.



Fabric Sofa and Stuffed Doll

Scurf and dander from human beings (and pets) are the favorites of mites. Thus, it is important to be cautious with fabric sofa and stuffed doll.



Even Flooring Need to pay attention

Though natural-material-made flooring looks safe, chemical substances like gloss wax may still be emitted.



Kitchen with Lots of Water Vapor is the Food Storage for Mold

Water vapor is created when gas is being burnt. Also the dirt after cooking provides nutrition for mold.



Bathroom with Heavy Amount of Water Vapor is the Wonderland for Mold

Heavy amount of water vapor can be produced in a short period of time. Wall, flooring & ceiling of bathroom are made by moisture-proof materials and thus high temperature is maintained. Please clean your bathroom without leaving any soap residue.



Floor and Bathroom Sink are good places for termite to inhibit

High humidity of bathroom (especially the floor), provides good places for termite to inhibit.

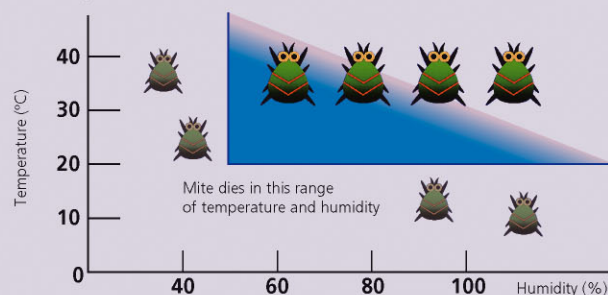


Mites

There are around 30 types of mites found in a home normally. In general, most mites live without causing any harm to human beings. However, sting mites like Cheyletidae, blood-sucking mites like House Mite, and Dust Mite group which can cause allergen also exist.

Temperature and Humidity for Mite Breeding

Mite breeds when temperature is over 20 degrees and humidity is over 60%



(Source: "Information of Residence and Home"; Environment Hygiene Section, Health and Welfare Department, Osaka Prefecture)



Molds



Mold breeds faster when humidity increases, and nearly everything inside & outside our residence can provide nutrients for it. Not only Mold is damaging our home appearance and creating bad smell, it also has bad effects on human body. Furthermore, mold increases during rainy season, and its spores fly around at the end of rainy season.

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Termite

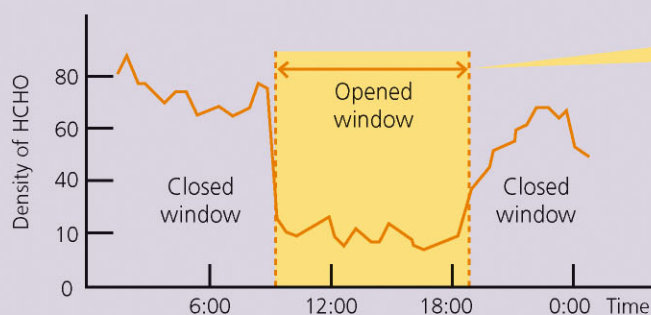
It is common to find termite damages like wall crack, undulating eaves & roof, and even broken window/shutter. Comparing to termite which causes damage mainly under floor, home termite causes damage widely to whole house (till ceiling).



Formaldehyde (HCHO)

Volatile organic compounds (VOC) like Formaldehyde which is generated from building material and/or home furniture. It is easily to cause indoor air pollution.

Indoor Formaldehyde concentration was measured



When window is opened, density decreases rapidly. When window is closed, density then starts to increase again.

(Source: "Information of Health and Residence", Environment Hygiene Section, Health and Welfare Department, Osaka Prefecture)

Formaldehyde: It is considered to be the main chemical substance causing the "Sick House Syndrome" - (Main sources: building materials, furniture, heat machines, smoking, etc.)