Colorado Department
of Public Health
and Environment

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
Consumer Protection Division
6 CCR 1010-17
STATE BOARD OF HEALTH
RULES AND REGULATIONS ON UREA FORMALDEHYDE FOAM INSULATION
(Adopted September 17, 1980, effective November 1, 1980)

RULES

1. Definitions

(a) "Toxic" – in accordance with C.R.S. 1973, 25-5-502 (201), is defined as any substance which has the capacity to produce personal injury or illness to man through ingestion, inhalation or absorption through any body surface.

(b) "Strong sensitizer" – in accordance with C.R.S. 1973, 25-5-502 (18), is defined as any substance which will cause, on normal living tissue, through an allergic or photodynamic process, a hypersensitivity which becomes evident on reapplication of the same substance.

(c) "Irritant" – in accordance with C.R.S. 1973, 25-5-502 (12), is defined as any substance which on immediate, prolonged or repeated contact with normal living tissue will induce a local inflammatory reaction.

(d) "Hazardous substance" – in accordance with C.R.S. 1973, 25-5-502 (10) (a), is defined as any substance or mixture of substances which is toxic, corrosive, an irritant or a strong sensitizer.

(e) "Urea Formaldehyde Foam Insulation" – means a cellular plastic product which is manufactured at the job site by mixing two liquid chemicals – urea formaldehyde base resin and a foaming agent – and generally, pressurized air, through a foaming equipment system. The resultant mix has a shaving cream-like consistency and is usually pumped through a relatively small hole into the walls of standing structures. After it is in the wall, the product cures and becomes firm and self-supporting.

(f) "Manufacturer of UFFI" – means the installer who combines the component materials and foams the insulation into its permanent location.

(g) "Contracts of Sale" – means any invoice, sales agreement, contract for service, offer to sell or install, or other document that specifies price and terms of the service and/or merchandise to be provided in insulating a building with urea formaldehyde foam.

2. (a) Formaldehyde, urea formaldehyde resin and urea formaldehyde foam insulation are declared to be hazardous substances.

(b) Formaldehyde, urea formaldehyde foam insulation and urea formaldehyde resin are declared to be irritants.

(c) Formaldehyde, urea formaldehyde resin, and urea formaldehyde foam insulation are declared to be toxic substances.

(d) Formaldehyde, urea formaldehyde resin, and urea formaldehyde foam insulation are declared to be strong sensitizers.

(3) The future installation of UFFI is forbidden in any school, nursery or any institution required to be licensed under C.R.S. 1973, 25-3-101.

(4) (a) Before the manufacturer installs UFFI he shall provide to the purchaser or prospective purchaser the warning required in these rules.

(b) The manufacturer of UFFI shall include the warning statement on all contracts of sale of UFFI. If the manufacturer does not present a written contract of sale to the prospective purchaser, then the warning shall appear on a receipt of the transaction or on a document relating to the credit transaction regarding the sale of UFFI that gives the seller a security interest in the purchaser's real property. If the manufacturer does not present any of these documents, then the warning shall appear on a separate piece of paper.

(c) The warning shall read as follows:

WARNING

THIS PRODUCT MAY RELEASE FORMALDEHYDE GAS OVER A LONG PERIOD OF TIME. FORMALDEHYDE GAS MAY CAUSE EYE, NOSE, AND THROAT IRRITATION, COUGHING, SHORTNESS OF BREATH, SKIN IRRITATION, NAUSEA, HEADACHES AND DIZZINESS. PEOPLE WITH RESPIRATORY PROBLEMS OR ALLERGIES MAY SUFFER MORE SERIOUS REACTIONS, ESPECIALLY PERSONS ALLERGIC TO FORMALDEHYDE.

- The symptoms may appear immediately or not until months after installation.
- Use of the insulation in attics, ceilings and interior walls increases the likelihood of releasing formaldehyde gas into your home. In some instances, the formaldehyde gas cannot be controlled by ventilation or other inexpensive means.
- If you have health concerns, call your doctor. Also, contact (installer-phone) or (material supplier-phone) immediately.

(d) The warning shall appear prominently and conspicuously. It shall be printed in legible, bold face type. If the contract of sale, receipt, document related to a credit transaction, or separate piece of paper provides for a signature of the purchaser, then the warning shall appear on the same page as the signature of the purchaser.

(e) The manufacturer shall not be deemed to have met the requirements of this section if the manufacturer provides the prospective purchaser or purchaser with any oral or written statement that in any manner negates or disclaims the warning required by this section.

5. These rules and regulations are not intended to preempt local authorities from adopting regulations which are more stringent than these rules.