

Hazardous Products

Other Storage Issues

Child Care Center Sanitation

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Children's Environmental Health

~Storage~ .2820(a)

In childcare centers, *adequate* space shall be provided for the storage of:

- *Equipment*
- *Furniture*
- *Toys*
- *Clothes*
- *Linen*
- *Backpacks*
- *Book bags*
- *Diaper bags*
- *Beds*
- *Cots*
- *Mats*
- *Supplies*

****and shall be kept clean!***

~Storage~

True or False

- In child care centers, all items stored in rooms where food or single service items are stored shall be at least 12 inches above the floor when placed on stationary storage units or 6 inches above the floor when placed on portable storage units

False

~Storage~

- Shelving or other storage areas shall be provided and constructed to facilitate cleaning.
- Soiled laundry shall be handled and stored separately from clean laundry using separate cleanable containers.

~Storage~

• .2820 Storage

- Individual cubicles, lockers or coat hooks shall be provided for storage of coats, hats, or similar items.
 - Coat hooks shall be placed at least 12 horizontal inches apart if not in individual cubicles or lockers.
 - Combs shall be labeled and stored individually.
 - Toothbrushes shall be individually identified, allowed to air dry and protected from contamination.
 - When a container of toothpaste is used for multiple children, the toothpaste shall be dispensed on to a intermediate surface such as waxed paper.

*To Be
-or-
Not To Be
Locked...
That Is the Question?!*

What's Poison?  Where is it Hiding?

(.2820)(b) All corrosive agents, pesticides, bleaches, detergents, cleansers, polishes, any product which is under pressure in an aerosol dispenser, and any substance which may be hazardous to a child if ingested, inhaled, or handled shall be kept in it's original container or in another labeled container used according to the manufacturer's instructions and stored *in a locked storage room or cabinet* when not in use.

~Storage~

What's Poison?  Where is it Hiding?

(.2820)(b) Toxic substances shall be stored below or separate from medications and food.

~Storage~

What's Poison?  Where is it Hiding?

Locked Storage Rooms & Cabinets
Combination
Electronic
Magnetic device
Key
Equivalent locking device

Devices shall be kept out of reach of children and shall not be stored in the lock.

~Storage~

What's Poison?  Where is it Hiding?

(.2820)(b) Any product not listed above, which is labeled "keep out of reach of children" without any other warnings, shall be kept inaccessible to children when not in use, but is not required to be kept in locked storage.

Inaccessible: stored on a shelf or in an unlocked cabinet that is mounted a minimum vertical distance of five feet above the finished floor.

~Storage~

What's Poison?  Where is it Hiding?

Sanitizing Solutions

Kept out of Reach Non-aerosol sanitizing

Non-aerosol disinfecting

Detergent solutions

Hand sanitizers

Hand lotions

(.2820)(c) Non- aerosol sanitizing, disinfecting and detergent solutions, hand sanitizers and hand lotions shall be kept out of reach of children when not in use, but are not required to be in locked storage.

These solutions shall be labeled as sanitizing, disinfecting or detergent (soapy water) solutions.

Hand soap not required to be "Out Of Reach" or locked

Emerging Storage Issues

- Hand sanitizer dispensers-
 - Hand sanitizing dispensers- are not considered in continuous use
 - Determined that they are being stored when not in use. Therefore, must be inaccessible.
 - Wall Mounted Dispensers
 - Therefore, wall dispensers fall under the storage rule and must be mounted a minimum of five feet.

~Storage~

• MEDICATIONS

- .2820 (d) Medications **including prescription and non-prescription items** shall be stored in a separate locked cabinet or other locked container **and shall not be stored above food.**



- 6 point demerit item



- **Non-prescription diaper creams and sunscreen shall be kept out of reach of children**

- ***(2820)(d) Designated emergency medications shall be stored out of reach of children but not required to be in locked storage.***

- Epi-Pen
- Glucagon
- Dilantin suppositories
- The following medications, which may be administered by a metered dose inhaler (for use in an aerosol machine), are also exempt.
- Albuterol (Proventil, Ventolin, Volmax)
- Terbutaline (Brethine, Bricanyl)
- Combivent (albuterol/pratropium)
- DuoNeb (albuterol/pratropium)
- Foradil (formoterol)
- Ipratropium
- Maxair (pirbuterol)
- Metaprotererol
- Salmeterol (Serevent)
- Xoprenex

~Storage~

• **Shall be locked**

- .2820 (b)&.2820 (d)
 - Corrosive agents
 - pesticides
 - bleaches
 - Detergents
 - cleansers
 - Polishes
 - Aerosol dispenser
 - Hazardous if ingested, inhaled, handled
 - medications

• **Shall be inaccessible**

- (.2820) (b)(c)
 - “keep out of reach” products without any other warnings
 - Non-aerosol sanitizing & disinfecting solutions
 - detergent solutions (soapy water)
 - Hand sanitizers & lotions
 - Toothpaste(research)
 - Non-prescription diaper creams & sunscreens
 - Employees purses & other personal effects



Other Storage Concerns

.2820(e) Toothbrushes shall be individually identified, allowed to air dry and....



Other Storage Concerns



.....protected from contamination.

Other Storage Concerns

♦ (.2820)(f) Employees purses and other personal effects shall be kept out of reach of children.



- **Pocket Books/Diaper Bags and their Content**
- **Privacy issues**
- **Remind operator of potential hazards and liability**
- **Diaper bags & book bags should be inspected daily when coming into your center**

Pocket Book Contents



Inhalers	Cigarettes
Mace/pepper spray	Matches/lighters
Guns	Knives
Medications	?

*review storage memo

~Other Storage Issues~

- **Office Supplies and Children's Access**
- White-out (commonly left out on desk and is accessible to children)
- Permanent markers
- Children should not have access to these items
- If office is being used as a sick area or is accessible to children, office is subject to the inspection process.
- Office must be made "child proof"

~Storage~

.2821 Beds, Cots, Mats and Linen

- All beds, cots, mats and linen shall be stored to prevent contamination.

•Mats

- Mats shall be of a waterproof, washable material at least 2 inches thick **and stored so that the floor side does not touch the sleeping side or by an equivalent method approved by the Dept.**

~Storage~
.2821 Beds, Cots, Mats and Linen

•Linen

• Linen shall be kept clean, in good repair and stored with the individual mat or cot or stored individually for each child in a designated area.

~Storage~
.2832 Outdoor Learning Environment & Premises

Storage provided outdoors for children's toys shall be kept clean.
Storage areas that are accessible to children shall be kept free of hazardous equipment and substances (.2820)
Storage areas shall meet requirements for lighting as required in (.2826) by means of opening doors, windows or skylights, battery operated light, flashlight or electric lighting.

~Other Storage Issues~

• Plan Review

• Generally a major design flaw throughout childcare centers

“Not Enough Storage”

• Storage must be adequate!

~Other Storage Issues~

• Plan Review

• Specific Storage Rules:

- .2806 Food Storage
- .2814 Food Service Equipment and Utensil Storage
- .2820 Storage

~Other Storage Issues~

• Plan Review

• Remember other provisions for storage areas throughout the rules:

- .2825 Walls and Ceilings
 - In rooms in which food is stored shall be non absorbent, easily cleanable material
- .2826 Lighting requirements
 - (10 ft candles of light at 30 inches above the floor)
- .2830 Solid Waste
 - Exterior garbage area & Storage of garbage containers and mop
- .2832 Outdoor Learning Environment & Premises

~Plan Review~

-Storage-

• Major Areas of Concern:

- Food Storage
(including Refrigeration & single service articles)
- Individual Cubicle Storage
- Toys & Furniture Storage (excess)
- Equipment & Supplies Storage
- Chemical & Hazardous Products Storage
- Medication Storage
- "Out of Reach" storage
- Solid Waste Storage
- Outdoor Learning Environment Storage
- Bed/Cots/Mat Storage
- Laundry & Linen Storage
- Personal Belongings

When Reviewing a Plan

Think in terms of volume and process

- Ask important questions such as:
 - Are you preparing food on site?
 - Are you buying food in bulk? How often do you purchase food? Daily? Weekly? Monthly?
 - Adequate refrigeration for food storage, i.e., gallon milk containers, frozen foods, human milk etc. Lunch storage for teachers?

- Ask important questions such as:
 - Where are you storing diaper bags/book bags? Lunches from home? Soiled clothing? Soiled linen? Where's your afterschool individual storage?
 - Where are you storing cots/mats/when not in use? Excess furniture, toys or other seasonal items such as Xmas trees? Garbage storage, mops, brooms etc. Medications?

~Other Storage Issues~

- Other important factors to consider such as:
 - **Future or projected use**
 - Will infant/toddler room possibly become 2yr old classroom?
 - Do you have enough space for the younger 1 versus the older 1 year old kids?
(this increases toys, cots and other room storage requirements)
 - **Accessibility**
 - Location of items near place or location to be used
 - Adequate sizing of storage doors to get items in/out
 - **Ability to clean**
 - Durable and cleanable material
 - Construction of shelving and containers
 - Can items easily be moved to facilitate cleaning (organized)
 - **Delivery Frequency**
 - Capacity to handle volume of supplies based on delivery and or purchase schedules

Chemical Storage

15A NCAC 18A .2820 STORAGE

(b) All corrosive agents, pesticides, bleaches, detergents, cleansers, polishes, any product which is under pressure in an aerosol dispenser, and any substance which may be hazardous to a child if ingested, inhaled, or handled shall be kept in its original container or in another labeled container, used according to the manufacturer's instructions and stored in a locked storage room or cabinet when not in use.

Chemical Storage

Locked storage rooms and cabinets shall include those which are unlocked with a combination, electronic or magnetic device, key, or equivalent locking device. These unlocking devices shall be kept out of the reach of a child and shall not be stored in the lock. Toxic substances shall be stored below or separate from medications and food. Any product not listed above, which is labeled "keep out of reach of children" without any other warnings, shall be kept inaccessible to children when not in use, but is not required to be kept in locked storage. The product shall be considered inaccessible to children when stored on a shelf or in an unlocked cabinet that is mounted a minimum vertical distance of five feet above the finished floor.

Chemical Storage

Chemicals in the kitchen must be stored in a locked storage room or cabinet. Just having the kitchen door locked does not satisfy requirement for this rule.

* See Storage of Hazardous Products in a Kitchen memo
(Example: Hazardous Product Storage in Kitchens at School Based Licensed Child Care Centers)

- ♦ Chemical Storage in kitchen
 - AG’s office ruled that kitchen is not considered a locked storage room or cabinet.**Therefore, locking kitchen door does not meet the requirement of the rule.**

Essential Oils- must be locked per storage rule. Check with DCDEE to determine if they can be used and how.

~Storage~

• *Where is it all marked?*

- Hazardous products? Demerits?
- Medications? Demerits?
- "Items marked keep out of reach" without warnings?
- Emergency medicine not kept out of reach?
- Disinfecting solution not kept out of reach?
- Hand sanitizers & lotions not kept out of reach?
- Diaper cream not kept out of reach? Prescription?
- Employee's purse on the floor? visible medication inside?
- Sunscreen not kept out of reach? Aerosol sunscreen



Questions?

Remember it's All About The Children


