

**Video Script for Safety Tips for Consumer Product Suppliers: Finger Injuries**

<b>Video Script</b>
<p data-bbox="407 401 972 436">Safety Tips for Consumer Product Suppliers</p> <p data-bbox="537 474 842 510">Topic 1: Finger Injuries</p> <p data-bbox="435 548 945 617">Sylvia Chen East Asia and Pacific Program Manager</p>
<p data-bbox="188 659 1187 947">Sylvia: Hello, My name is Sylvia Chen and I'm here to talk about the importance of designing safe products for use by consumers. A product designed with safety in mind serves consumers best and gives them peace of mind by ensuring that the product they use is not harmful. On the contrary, poor design is problematic because it could lead to the production of defective and hazardous products. The consequences of manufacturing a defective product are serious because they could create a "substantial product hazard" or an "unreasonable risk" of serious injury or death.</p>
<p data-bbox="188 953 1187 1136">Sylvia: At CPSC's National Product Testing and Evaluation Center, scientists and engineers test products to identify hazards in order to determine whether a product is hazardous or poses potential hazard. If a product is identified to pose a "substantial product hazard" or an "unreasonable risk" of serious injury or death, CPSC will seek a recall.</p>
<p data-bbox="188 1142 1187 1247">Sylvia: Here we have some products that all have scissoring and shearing design. They were identified to pose similar hazards, such as finger amputation and laceration. CPSC has recalled all these products.</p>
<p data-bbox="188 1253 1187 1436">Sylvia: The problem with this stroller is the jointed hinge on the stroller's canopy. As you can see, if a child puts his or her finger in the hinge mechanism while the canopy is being opened and closed, the child's finger can get caught in the stroller's canopy, resulting in fingertip lacerations and amputations.</p>
<p data-bbox="188 1442 1187 1625">Sylvia: With this stroller, the problem is that the folding hinge on the sides of the stroller can open up and pinch a child's finger during use. The manufacturer of this stroller received multiple reports of finger injuries including reports of fingertip amputation, partial-fingertip amputation, and finger laceration.</p>
<p data-bbox="188 1631 1187 1688">Sylvia: With strollers, although the majority of the victims are children, in some cases, the victims can be adults as well.</p> <p data-bbox="188 1730 1187 1835">With this stroller, an adult consumer can have a finger caught in a gap that compresses when he or she is closing the stroller, resulting in fingertip lacerations, crushing, and contusions.</p>

Between 2005 and 2014. CPSC has altogether announced ten recalls of strollers.

Sylvia: Besides strollers, other products have also been recalled for posing amputation or laceration hazards.

Sylvia: The safety lock of these folding chairs can fail, allowing the chairs to collapse or fold unexpectedly. As a result, children's fingers can become caught or entrapped in the hinge and slot areas of the chair. Incidents have come to the CPSC's attention involving children whose fingers were either pinched, lacerated, or fractured.

Sylvia: Here is another example. Clip-on table top chairs.

The product is an infant/toddler chair with a nylon fabric seat and a metal frame that clamps onto tables using two metal vise clamps. The clip-on chairs do not have plastic spacers between the table clamps and the front horizontal metal bar. The lack of adequate space between the horizontal metal bar at the front of the chair and the clamps can cause children's fingers to be severely pinched, lacerated, crushed, or amputated if they get caught between the bar and the clamp when the chair detaches.

Sylvia: And this folding knife...

When the knife blade is fully extended, the locking mechanism can fail to hold the blade, thus posing a laceration hazard.

Sylvia: And this stair climber...

This is a classic example. This piece of equipment is intended to simulate stair climbing exercises and improve leg strength, flexibility, and cardiovascular conditioning. The climbers use digital readouts to apprise the user of his or her speed, elapsed time, and total steps. The pulley cord and roller in the center section of the equipment creates a pinch point and no finger guard is installed. This poses a potential finger amputation hazard. One incident occurred when a child placed his finger between the pulley and the roller during use.

Sylvia: Finally this lopper shears that were recalled on March 28, 2016. Altogether, 33 incidents have been reported, of which 10 occurred after the product was first recalled in October 2015. The reports include pinched fingers, bruising and injuries to the head and face, some required stitches.

Sylvia: In many of the previous examples, the repair included a guard to prevent fingers from accessing the pinch point. Look for pinch points in your design, and design in a guard to prevent fingers from getting caught. Always have safety in mind, and design the product as if your own child is going to use it.

Thank you. Sylvia Chen from the U.S. Consumer Product Safety Commission.

Safety Tips for Consumer Product Suppliers

Topic 1: Finger Injuries

Sylvia Chen  
East Asia and Pacific Program Manager

For more information, please visit:

<http://www.cpsc.gov/zh-CN/Business--Manufacturing/Business-Education/>

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