Compressed Air Hazards

If used for cleaning purposes, must be maintained less than 30 psi:
29 CFR 1910.242(b)

12 psi of air can “pop” an eyeball from its socket

At 4 inches, 40 psi can rupture and eardrum, cause brain hemorrhage, or possible death.

Less than 80 psi of air, striking a small wound on the hand has been known to inflate the arm “to the size of a grapefruit” due to air bubbles in the bloodstream

4 psi of air in the mouth can rupture the lungs and intestine

4 psi of air can rupture a bowel

Air can enter the navel through a layer of clothing, inflating and rupturing the intestines

Other Facts:
• A hurricane wind can drive a straw endwise into a tree or wooden telephone pole
• A 70-mile-per-hour wind exerts a pressure of only one-tenth of a pound per square inch (0.1 psi)
• A wind of 120-miles-per-hour has a pressure of only 0.25 psi

For more information, contact your Loss Control Consultant at (800) 252-5059, ext. 1387 or 1384.

CLAIM REPORTING HOTLINE (844) 562-2720 | Available 24/7