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INSIGHTS



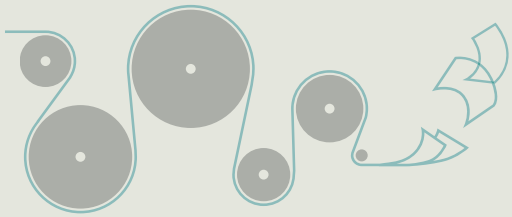
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Man of The Millennium

A few years ago the A&E network proclaimed Johannes Gutenberg the person of the millennium. The unofficial title was bestowed on him because his contribution to society (the printing press) was considered to have the greatest impact on civilization in the last 1,000 years. In 1440 Gutenberg completed his wooden press that used metal moving type. After he developed a printing press to make multiple copies, he formed a partnership to produce 200, 2-volume copies of the Bible on vellum.

Printing has come a long way since then and flexography is the fastest growing conventional printing process…especially in packaging such as corrugated containers and flexible films. It has also made significant advances in publication printing, particularly newspapers. Steel or ceramic anilox rollers (which contain many tiny holes that hold ink) are used to give the correct amount of ink to the flexographic plate.

ChemStation has kept up with this industry and has created a line of products for cleaning anilox rollers as well as the plates and equipment. For more information, contact your Account Representative.



You Need More Than PPE

No single combination of personal protective equipment (PPE) and clothing is capable of protecting against all hazards. Thus, PPE should be used in conjunction with other protective methods. The use of PPE can itself create significant worker hazards, such as heat stress, physical and psychological stress, and impaired vision, mobility, and communication.

THINKING GREEN

Do You Know?

About 75 percent of the water we use in our homes is used in the bathroom.

If you need to warm up or defrost small amounts of food, use a microwave instead of the stove to save energy. Microwave ovens use around 50 percent less energy than conventional ovens do.

Americans throw away enough aluminum every month to rebuild our entire commercial air fleet.

The 36 billion aluminum cans landfilled last year had a scrap value of more than $600 million. (Someday we'll be mining our landfills for the resources we've buried.)

Every year we make enough plastic film to shrink-wrap Texas.

In 1865, an estimated 10,000 hogs roamed New York City, eating garbage. Now, one of every six U.S. trucks is a garbage truck.

Almost four million computer diskettes are thrown away every day, which equals over one and a half billion disks per year…or a stack of disks as tall as the Willis Tower (formerly the Sears Tower) in Chicago every 21 seconds. It will take nearly 500 years for the disks to degrade.

OSHA to Bring Standards Up-to-Date

OSHA proposed to revise and remove requirements within several OSHA standards that are outdated, duplicative, or inconsistent. The agency explains that this rule will help keep OSHA standards up-to-date and will help employers better understand their regulatory obligations.

For example, OSHA is proposing to update the definition for "potable water" at 29 CFR 1910.141 with the current EPA clean water standard. OSHA is also proposing to remove an outdated provision in the Blood-borne Pathogens standard at §1910.1030 that requires employers to provide hand dryers that use warm air. This change allows the use of newer technologies that use room temperature air. OSHA will accept comments until September 30.

Taping Extension Cords

Superficial nicks or abrasions do not normally render a cord "worn or frayed" according to OSHA standards. However, employers generally use electrical tape to cover this type of damage to cord jackets. OSHA recommends that you not tape this type of damage for two reasons:

- Applying tape too thick or applying too much could change the cord's original flexibility and lead to internal damage. This changes their characteristics.
- The depth of the abrasions and cuts cannot be monitored to see if they get worse without removing the tape.

Be aware that taped repairs usually will not duplicate the cord's original characteristics; in most cases neither the jacket's strength nor flexibility characteristics will be restored.



Are You Immune?

Vaccinations aren't just for kids. According to the Centers for Disease Control and Prevention (CDC) there are several reasons for adults to be vaccinated:

- Not vaccinated as children.
- New vaccines are now available.
- Immunity has faded with age.
- Age makes them more vulnerable to common diseases.
- Plans to travel internationally.

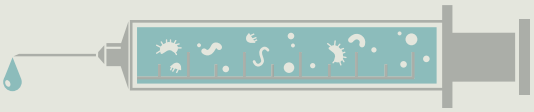
Because of these reasons, the CDC publishes a "Recommended Adult Vaccine Schedule" which indicates that people aged 19 to 49 should receive a:

- Tetanus booster every 10 years.
- Measles, mumps, rubella (MMR) vaccine.
- Varicella (chicken pox) vaccine.

Adults aged 65 and over should consider being vaccinated for:

- Diptheria
- Flu
- Pneumonia
- Tetanus

About 1 million Americans get shingles every year; 50 percent are 60 years old and older. The Zoster vaccine can lower these numbers.



SOAPBOX

Don't knock the weather; nine-tenths of the people couldn't start a conversation if it didn't change once in a while.

Once a new technology rolls over you, if you're not part of the steamroller, you're part of the road.

It Figures…

- **25,000** – The speed (mph) an object must fly to escape the earth's gravitational pull.
- **29** – The average number of hours that American adults spend online each month.
- **5** – All the minutes of outdoor activity a day that you need to improve your mood.

Anyone who has had a bull by the tail knows five or six things more than someone who hasn't. – *Mark Twain*

Half our life is spent trying to find something to do with the time we have rushed through life trying to save. – *Will Rogers*

The one thing that unites all human beings, regardless of age, gender, religion, economic status or ethnic background is that deep down inside we ALL believe that we are above-average drivers.

ChemStation®

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By the Numbers



Gallons of soap delivered:
156,692,146 since 1984



Empty drums not in landfills:
2,848,948 since 1984