October 2014

DeVILBISS® TIMES

DeVilbiss Catalogs!
Check them out on our website!
Click here!

Watch a quick YouTube video of all the CLEAN products in action!

Click Here!

WE HAVE YOU COVERED and clean

Reusable LAB COAT

- Maintain Professional Appearance
- Washable/Reusable
- Lightweight, Durable Nylon

Disposable COVERALL

- Disposable
- Lightweight and Comfortable
- Reduces Contamination From Street Clothing
- Passed ASTM F903-12 for liquid penetration resistance

WIN A FREE *STARTINGLINE*® Painting & Touch Up Kit!

Tell us what your favorite **DeVilbiss® Automotive Refinishing** product is and why.

TO ENTER send an e-mail to socialmedia@devilbissar.com

No purchase necessary. Valid in the United States and Canada only. One winner randomly chosen on October 20, 2014 to win a 802342 StartingLine Gun Kit.

Reusable LAB COAT

- Maintain Professional Appearance
- Washable/Reusable
- Lightweight, Durable Nylon

Order#	
803664 (M)	803666 (XL)
803665 (L)	803667 (3XL)

1. FULL ZIPPER FRONT
2. ELASTIC WRIST CLOSURES
3. FULL PULLOVER HOOD
4. 3-POCKET DESIGN

DeVilbiss Offers Online Tools to Enhance Painter's Success!

The DeVilbiss® Automotive Refinishing website is equipped with tools to help painters choose the correct spray gun for their job, setup for their material, and disposable cup system for their business. The website features a Spray Gun Comparison Tool which lets users compare specifications of up to four gravity feed spray guns at once. Painters can also utilize the Spray Gun Setup Tool which features detailed charts of paint company recommended settings for their product offerings. Users can search by coating or by spray gun to find all of the latest recommendations. Additionally, the DeVilbiss website offers savings calculators for shops interested in analyzing their cost savings for conversions to DeKups® and Gunner Cups™. Simply enter the cost per box of your current cup system for each size you use and compare monthly and yearly savings! **Look for the savings calculators under the Support menu and feel free to send website questions to us via the Contact Us form!**

U.S. PATENT NOS. 6,820,824 AND 7,374,111, OWNED BY 3M INNOVATIVE PROPERTIES CO. ADDITIONAL U.S. PATENTS: NOS 7,380,680; 7,354,074; 7,353,964; 7,350,418; 7,344,040; 7,263,893; 7,165,732; 7,086,549.

Disposable COVERALL

- Disposable
- Lightweight and Comfortable
- Reduces Contamination From Street Clothing
- Passed ASTM F903-12 for liquid penetration resistance

1. FULL ZIPPER FRONT
2. ELASTIC WRIST CLOSURES
3. FULL PULLOVER HOOD
4. MEETS OSHA STANDARD 1910.132 FOR PROTECTIVE CLOTHING

Order#	
803671 (M)	803673 (XL)
803672 (L)	803674 (3XL)

DeVILBISS®
AUTOMOTIVE REFINISHING

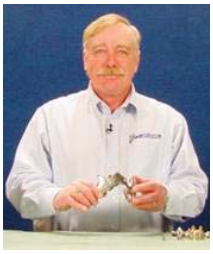
"Paul Masters of Spray Gun Repair, Inc. in Connecticut has been amazingly helpful.

He has gone above and beyond helping me with my DAGR® airbrush.

When I encountered issues with my DAGR® due to improperly cleaning the airbrush, I called Paul Masters. He not only diagnosed the issue, helped bring my DAGR® back to like-new condition, but also corrected my technique for using the DAGR®.

I can't say enough positive things about this service center. Paul has been a treasure to work with. I highly recommend this DeVilbiss service center."

JoAnn Vanderheite, Artist – New York



Paul Masters,
Spray Gun Repair, Inc.
www.spraygunrepair.com

DeVilbiss® Spray Gun Display In China

Why Should Painters Use High-Flow Fittings & Large Diameter Air Hoses While Spraying?

It's simple.

There are two reasons for using large diameter components in your compressed air supply equipment.

- **Air Flow Rate and Pressure Drop**
- **Compressor Efficiency and Wear**

It should be obvious that a larger diameter hose or fitting can supply more air (flow). The bonus to this is that there is generally less restriction in the hose and less of a pressure loss as a result.

Let's look at a real-life example involving "Painter Dan":
Painter Dan is using his TEKNA® ProLite w/ TE20 that requires 26 PSI and 12 SCFM at the gun. He is spraying with a 35 foot hose in a standard paint booth. Using the DeVilbiss Regulator (Part # 130516) on the wall of the booth, what is the lowest air pressure needed in order for the spray gun to work properly?

The answer will depend on the fittings and the hose diameter that is chosen.

Case 1: Painter Dan selects a ¼" hose and uses low flow fittings at the gun. The pressure drop for the fittings will be 10-20 PSI or more! So at the end of the hose by the gun he now needs approx. 40 PSI (26 for the gun, 14 for the pressure fittings). The pressure drop through the ¼" hose will be approx. 30 PSI, meaning the pressure at the outlet of the wall regulator will need to be about 26 + 14 + 30 PSI = 70 PSI.

Case 2: Painter Dan selects a 3/8" DeVilbiss hose (p/n HA-7335) and installs DeVilbiss high-flow QD fittings (p/n's HC-4719 and HC-4720) at the gun. The pressure drop for the fittings is about 2-3 PSI. This means he needs 29 PSI at the end of the hose by the gun. The pressure drop through the 3/8" hose will be approx. 6 PSI. Therefore, the pressure required at the outlet of the wall regulator is 26 + 3 + 6 PSI = 37 PSI.

As you can see, the larger DeVilbiss hose and DeVilbiss high flow fittings require about half the pressure at the outlet of the wall regulator compared to the setup with the small hose and low flow fittings.

The lower pressure setup requires less demand on the compressor, resulting in a longer compressor life and lower electrical bills.

DEVILBISS®
AUTOMOTIVE REFINISHING

FROM PAINTER TO PAINTER...

See The Area Before & After Using The DeVilbiss CLEAN™ Booth Wall Coat

White's Family Collision Center
Sylvania, Ohio

- Bright white
- Lasts 500 bake cycles
- Easy to spray-on & peel-off

Did you know?
You can post questions to our Facebook page

www.facebook.com/devilbissautomotiverefinishing

DeVilbiss® Automotive Refinishing SprayMaster™ Curriculum Accredited by I-CAR®

DeVilbiss Automotive Refinishing announces that it has been accredited by I-CAR® as an Industry Training Alliance provider of continuing automotive education to the collision repair industry.

"We are excited to now offer our I-CAR® accredited SprayMaster™ Paint Technician Class to the collision repair industry", says Hans Horstik, DeVilbiss Automotive Refinishing General Manager. "This course provides I-CAR® accredited best practices and process improvement training to refinish technicians in Compressed Air Filtration, Contaminant-free Refinishing, Paint Handling, and Atomization."

The DeVilbiss SprayMaster™ Paint Technician Class provides students with four credit hours of I-CAR® continuing education credits, and fulfills the I-CAR® Refinish Technician ProLevel 1 "Spray Gun Maintenance & Set-Up" knowledge area. Students also receive EPA Rule 40 Certification.

SprayMaster™ training classes are held at certified training facilities, and are provided at no charge as a service to the collision repair industry.

The SprayMaster™ training classes are an educational product of DeVilbiss Automotive Refinishing, 11360 South Airfield Road, Swanton, OH 43558.

DeVilbiss Automotive Refinishing (www.autorefinishdevilbiss.com) is a leading global designer and manufacturer of refinishing equipment and productivity products. DeVilbiss offers a broad range of solutions for the refinishing market including spray equipment, disposable paint cups, air filtration, dirt control products, and more.

DEVILBISS® AUTOMOTIVE REFINISHING

Not In The Loop?

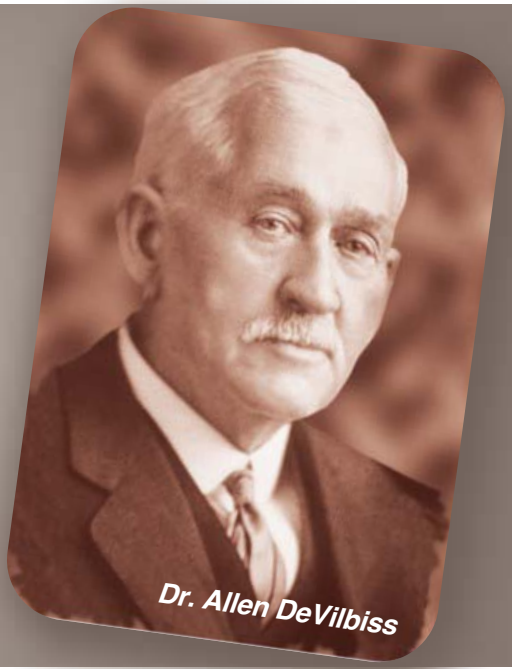
The DeVilbiss Times is e-mail only. It is sent out no more than four times a year. If someone you know isn't getting this newsletter, let them know to e-mail shui@devilbissar.com and have themselves added to the newsletter email list.

Did You Know?

A little bit of history…

Founded in 1888 when Toledo, Ohio physician Dr. Allen DeVilbiss combined a bulb, some tubing, and the base of an oil can to create the first atomizer for health care.

In 1907, Thomas DeVilbiss, an inventor in his own right, experimented with adapting the original atomizer to create a spray gun to meet the challenges of spray finishing. Mass production was beginning to evolve at this time and Thomas DeVilbiss' spray gun technology proved to be a revolutionary addition to the paint and lacquer coating applications on the furniture and automotive finishing assembly line. Spraying the lacquer reduced drying time to hours instead of weeks and the spraying of paint replaced hand brushing, helping to create new jobs and increase productivity in manufacturing.



Dr. Allen DeVilbiss

ISOCYANATES

Isocyanates are a family of highly reactive, low molecular weight chemicals. They are widely used in the manufacture of flexible and rigid foams, fibers, coatings such as paints and varnishes, and elastomers, and are increasingly used in the automobile industry, autobody repair, and building insulation materials. Spray-on polyurethane products containing isocyanates have been developed for a wide range of retail, commercial, and industrial uses to protect cement, wood, fiberglass, steel and aluminum, including protective coatings for truck beds, trailers, boats, foundations, and decks.

Isocyanates are powerful irritants to the mucous membranes of the eyes and gastrointestinal and respiratory tracts. Direct skin contact can also cause marked inflammation. Isocyanates can also sensitize workers, making them subject to severe asthma attacks if they are exposed again. There is evidence that both respiratory and dermal exposures can lead to sensitization. Death from severe asthma in some sensitized subjects has been reported. Workers potentially exposed to isocyanates who experience persistent or recurring eye irritation, nasal congestion, dry or sore throat, cold-like symptoms, cough, shortness of breath, wheezing, or chest tightness should see a physician knowledge-able in work-related health problems.

Preventing exposure to isocyanates is a critical step in eliminating the health hazard. Engineering controls such as closed systems and ventilation should be the principal method for minimizing isocyanate exposure in the workplace. Other controls, such as worker isolation and use of personal protective equipment such as respirators and personal protective clothing to prevent dermal exposures may also be necessary. Early recognition of sensitization and prompt and strict elimination of exposures is essential to reduce the risk of long-term or permanent respiratory problems for workers who have become sensitized.

Retrieved from: http://www.cdc.gov/niosh/topics/isocyanates/
Retrieved on July 18, 2014
Find out more information at:
Centers for Disease Control and Prevention
Workplace Safety and Health Topics

The CLEAN process being implemented & evaluated at a body shop

The CLEAN Process

If you are interested in finding out more information about how the CLEAN solutions process can help your shop cut down costs and minimize re-work, **email shui@devilbissar.com.**

GOT QUESTIONS? WE HAVE ANSWERS!

Customer Service & Technical Support:
1-800-445-3988
Monday-Friday • 8am to 5:30pm EST

E-mail us at: askus@devilbissar.com

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