

# To Our Valued Customers,

The H.L. Bouton Company has been a trusted name in Safety Products for over 60 years. It was the first American company to make eye protection equipment the central focus of its business.

Continuing with our commitment to the development of quality safety products we have expanded our focus from eye protection and lens cleaning products to include Emergency Eye/Face and Combination shower units to meet any emergency situation.

With our complete line of Safety Eyewear, Lenscleaning Products and Emergency Eyewashes our focus and commitment will continue to supply our customers with innovative, up to date and quality products and service.

Very Truly Yours, Just Filler #

David F. Miller III

President & CEO

H.L. Bouton Co., Inc.

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# H. L. BOUTON COMPANY

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# EYEWEAR

# **Shark Hunter Series**

The Shark Hunter Series offers innovative, first of their kind safety, style & comfort features. Hidden spring hinge temples are just one of these added features.



# 6400 Shark Hunter Mako™

- · Lightweight lens/frame combination
- 10-base single curve lens
   TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI standards



#### 6500 Shark Hunter Hammerhead™

- Bayonet temple with rubberized tip
- Soft-Fit nose piece
- 7-base single curve lens
   TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI standards



#### 6500 Shark Hunter Hammerhead Wire™

- Tortoise wire frame
- · Soft-Fit nose piece
- 7-base single curve lens
  TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI standards



# 6600 Shark Hunter Springer™

- Hidden metal spring hinge
- Bayonet temple with ergo-grip temple pads
- Universal nose bridge
- Superior nylon material
   TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI standards



# 6700 Rage™

- · Hidden metal spring hinge
- Bayonet style temples
- Accent temple pads
- 9-base polycarbonate lens
- Universal nose bridge
- Superior nylon material
- Ergo-grip temple pads
- True View<sup>TM</sup> lens available
  Blocks 100% U.V.
- Meets ANSI & UL standards





#### 6800 Soft Brow™

- Enhanced peripheral vision
- Patented anti-slip adjustable nose piece
- Cushioned brow
- Mastoid temple pad
- Integrated sideshield
- Blocks 100% U.V.
- Meets ANSI standards



# 6000 Sting™

- Wraparound Dual Lens Design
- Soft sport anti-slip nose piece
- Nylon frame with swept design features
- Reinforced temple barrel maintains frame integrity
- Available in Artic Blue lens which softens glare
- Blocks 100% U.V.
- Meets ANSI standards

#### **UFO Series**

The UFO (User Friendly Optics) Series offers dramatic safety, style & comfort features.



#### 4400 UFO Stargaze™

- One-piece design
- Lightweight lens/frame combination
- 7-base single curve lens
- Blocks 100% U.V.
- Meets ANSI standards



## 7000 UFO Mercury™

- Weighs less than 1 oz.
- Frameless spectacle
- 2-way adjustable temple
- Blocks 100% U.V.
- Meets ANSI & CE standards



#### 7100 UFO Apollo™

- Click-To-Fit<sup>TM</sup> adjustable temples
- Soft vinyl nose piece
- 6-base slimline lens
- Blocks 100% U.V.
- Meets ANSI standards



#### 7200 UFO Saturn™

- Single wrap-around lens design
- TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI & CE standards



#### 7400 UFO Roswell™

- Durable Snap-Lock<sup>TM</sup> hinges
- 8-base single curve lens
- Blocks 100% U.V.
- Meets ANSI & CE standards

#### **Bold Series**

Bouton's BOLD Series features advanced protection, comfort & style. Specially engineered lens designs provide maximum defense, while lightweight, Resilium™ frames protect in comfort.



#### 6200 BOLD Professional™

- Radical new air flow sideshield design
- Bow-Flex bayonet style temples with ergo-grip
- Soft-Fit nose piece
- Specially designed lens channel retention
- 6-base single curve lens
- TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI standards



# 6300 BOLD B2K™

- · Radical new air flow sideshield design
- Bow-Flex bayonet style temples with ergo-grip
- Soft-Fit nose piece
  - Specially designed lens channel retention
- TrueView<sup>TM</sup> lens available
- Blocks 100% U.V.
- Meets ANSI standards



# XFC 9100

- Unique single lens design
- Lightweight nylon half frame
- Soft flexible ribbed rubberized temple tips and nose piece for secure fit
- Blocks 100% U.V.
- Meets ANSI standard



# 6900 HiVizion™

- Hi Vizability soft padded brow and rubberized temple tips
- Unique single lens design and Meets ANSI standards lightweight nylon frame
- No metal parts, Optional headband strap snaps on for easy removal
- Blocks 100% U.V.





#### 8300 Panalite™

- · Frame is made of ultra-light nylon
- Wide range of lens colors including 3.0 & 5.0 IR
- Blocks 100% U.V.
- Meets ANSI & CE standards

# 1

# 8600 Panaspec Plus™

- Patented Brow Bar®
- Maximum protection from overhead flying particles
- Blocks 100% U.V.
- Meets ANSI & CE standards



# 8800 Panaspec™

- Integrated sideshields
- Blocks 100% U.V.
- Meets ANSI & CE standards

# **Metal Frame Spectacle Series**

The contemporary design of the H.L. Bouton Metal Frame Series combines safety with quality & style.



## 2200 Metal Aviator™

- Dual lens aviator design
- Hardcoated polycarbonate lenses
- · Available with or without sideshields
- Blocks 100% U.V.
- Meets ANSI & CE standards



# 2600 Pinnacle I™

- Unobstructed peripheral vision
- Seamlessly integrated sideshields
- Blocks 100% U.V.
- Meets ANSI standards

# **Dual Lens Spectacle Series**

The economical & lightweight design of H.L. Bouton's Dual Lens Series couples value & safety.



#### 4200 Econolite II™

- Dual replaceable lenses
- Lightweight nylon frame
- Blocks 100% U.V.
- Meets ANSI standards



#### 5900 Spectacle™

- Patented U-Fit® temples & universal bridge
- Long-lasting heavy duty metal hinges
- Optional sideshields
- Blocks 100% U.V.
- Meets ANSI standards



#### 9500 Aviator™

- Aviator design
- Blocks 100% U.V.
- Meets ANSI & CE standards



#### 9900 Brow Bar®

- Unique flange design
- Protects from frontal impacts & falling overhead debris
- Blocks 100% U.V.
- Meets ANSI & CE standards

# Safety Glasses with Power



# Safety Reading Glasses "SRG"™

- Stylish nylon frame, ergo-grip temples and soft nose piece
- · Available in Weak, Medium & Strong lenses
- · Available in Clear & Smoke lenses
- Blocks 100% U.V.
- Meets ANSI standards



# 4040 Ricochet™

- One piece wraparound style
- Lightweight lens/frame combination
- Blocks 100% U.V.
- Meets ANSI standards



# 4150 Ricochet II™

- Lightweight Frameless Design
- Rubber Temple Tips to Prevent Slipping
- Scratch Resistant Lenses Provide 100% U.V. Protection
- Available in Clear, Smoke, Amber, Clear Polynium Plus<sup>TM</sup>
- Smoke Polynium Plus<sup>TM</sup> and Shade 3.0 & 5.0 IR
- Meets ANSI standards





#### 550 Softsides® Goggle

- Direct side ventilation
- Provides protection from flying particles
- Blocks 100% U.V.
- Meets ANSI & CE standards



# 551 Softsides® Goggle

- · Plastic hooded vents for indirect ventilation
- Blocks 100% U.V.
- Meets ANSI & CE standards



# 441 Basic-IV Goggle™

- Indirect ventilation
- Clear, recyclable vinyl body
- Blocks 100% U.V.
- Meets ANSI & CE standards



#### 440 Basic-DV Goggle™

- Direct ventilation
- Clear, recyclable vinyl body
- Blocks 100% U.V.
- Meets ANSI & CE standards



# 560 Panagoggle™

- · Optimum protection against chemical splash
- Liquid barrier indirect vent system
- Blocks 100% U.V.
- · Meets ANSI standards



# 240 Panalens Goggle™

- Ultimate in gas welding protection
- Lightweight opaque vinyl frame 2" x 4 1/4" welding filter plate
- Allows the use of RX glasses
- Blocks 100% U.V.
- Meets ANSI standards



#### 650 Gas Welding Goggle

- Supplied with 50mm welder filter lenses with a protective cover lens.
- Both lenses are held in place by a polycarbonate ring.
- A bead chain inside a plastic nose bridge provides easy adjustment for individual fit and comfort
- Standard Elastic headband
- Meets ANSI standards

# **Medical Shields**



## 5300 Contempo Goggle™

- Modern wraparound style with distortion free panoramic view lens
- Designed to fit over most prescription spectacles
- 1" wide elastic strap with adjustable buckle attaches to frame with a swivel clip for comfortable fit
- Nose area split to adapt to most nose shapes
- Indirect venting for liquid splash protection
- Blocks 100% U.V.
- Meets ANSI standards



#### Medical Shields

- · Lightweight wraparound disposable shield
- Nylon Frame, One size fits all
- Shield snaps onto frame and pops off for quick and easy change
- .010 thick clear polycarbonate lens
- Ideal for Bloodborne Pathogen situations



#### Interchangeable Frames

- Frame snaps into shield and pops off for quick and easy change
- Multiple colors

#### **Youth Products**



#### Smoggle™

- 15% smaller than standard goggles
- Available in direct and indirect ventilation
- Clear vinyl body provides comfort, fit & durability
- Blocks 100% U.V.
- Meets ANSI standards



#### "Mini" 4300™

- 15% smaller than standard eyewear
- Adjustable click-to-fit temple
- · Economical nylon frame
- Seamlessly integrated sideshields
- Clear polycarbonate lens
- Blocks 100% U.V.
- Meets ANSI standards



# VisionAid®

# Lenscleaning Liquids & Cleaners

A clear, scratch-free field of vision is important to anyone wearing protective eyewear. Bouton offers a complete line of Lenscleaning Systems, available in disposable or permanent stations.



# Lenscleaning Disposable Dispensers

- $\bullet\;$  Dispensers can be positioned close to workers & easily moved
- **1LC5000D** Large Dispenser containing 16 oz. Visionaid® cleaner & 2 packs of 1LC1776 heavy duty tissues
- 1LC382D Small Dispenser containing 3.5 oz. of Visionaid® cleaner & 1 pack of heavy duty tissues
- 1WD500 Slim Dispenser containing 16 oz. of Wilkins Anti-Fog/Anti-Static cleaner & 2 packs of 1LC1776 heavy duty tissues
- 1WD1200 Large Double Dispenser containing 16 oz. of Wilkins Anti-Fog/Anti-Static cleaner & 4 boxes of 730 K-Lens-M lint free tissues
- 1WD608 Small Dispenser containing 8 oz. of Wilkins Anti-Fog/Anti-Static cleaner & 2 boxes of 730 K-Lens-M<sup>®</sup> lint free highly absorbent tissues
- 1LC3000D Plastic Disposable Lenscleaning station. Contains 8 oz. bottle of Visionaid<sup>®</sup> Lenscleaning solution and heavy duty 4 1/2" x 5" rissues



All tissues in VisionAid® stations are made from 100% recycled materials. This is one of many ways that H.L. Bouton Co. is going green.







# Lensclean Liquid Cleaners

- All H.L. Bouton Lenscleaning formulas are safe for cleaning glass, plastic and polycarabonate lenses
- Eliminate static with anti-fog solution
- Total compliance with OSHA standards
- VISIONAID® heavy-duty, siliconebased anti-fog solution is also available

# Lensclean Tissues

- Strong & won't scratch lenses, High Quality, Made of 100% recycled fiber
- **1LC1760** VISIONAID® 7 1/2" x 5"
- **1LC1776** VISIONAID® 6" x 5"
- 1LCR24 VISIONAID® RAYON 6 1/2" x 3"
- **1WT730** K-Lens-M<sup>®</sup> Lint Free Tissue 4 1/4" x 8 1/2"

# Metal Lenscleaning Stations

- Durable in hot & humid environments, refillable & can be fixed in key locations
- **1LCR24D** Small Metal Dispenser holds approximately 300
- **1LC1776D** Metal Dispenser w/key empty
- **1LC1776DU** Metal Dispenser w/key holds 16 oz. liquid cleaner 1 pack of heavy duty tissues
- **1WK600** Metal Dispenser Holds 8 oz. K-Lens-M<sup>®</sup> Pink Lens Cleaner and 2 boxes of 730 K-Lens-M<sup>®</sup> tissues
- 1LCL2112 2 oz. bottle VISIONAID® lenscleaning solution
- 1LCL2112WSP 2 oz. bottle VISIONAID® leanscleaning solution with spray pump
- 1LCL2112E 3.5 oz. bottle VISIONAID® lenscleaning solution with flip top
- **1LCL211B** 16 oz. bottle VISIONAID<sup>®</sup> lenscleaning solution
- **1LCL216** 15 oz. aerosol VISIONAID® lenscleaning solution
- **1LCL211C** 1 gallon bottle VISIONAID® lenscleaning solution
- **1W203SP** 2 oz. bottle K-Lens-M<sup>®</sup> Cleaner with spray pump
- 1W208 8 oz. bottle K-Lens-M® Cleaner
- 1W216 16 oz. bottle K-Lens-M® Cleaner
- 1W297-4 1 gallon K-Lens-M® Cleaner
- 1W503SP 2 oz. Wilkins Anti-Fog/Anti-Static Cleaner w/Spray pump
- 1 W508 8 oz. Wilkins Anti-Fog/Anti-Static Cleaner
- **1W516** 16 oz. Wilkins Anti-Fog/Anti-Static Cleaner
- 1W597-4 1 gallon Wilkins Anti-Fog/Anti-Static Cleaner

# First Aid Eyewash

# **Towelettes**



# SafetyClean<sup>™</sup> 1LCT100

- Pre-moistened towelettes
- Individually foil-packaged
- Ideal for industrial, office, or lab environments
- 100 towelettes per dispenser

# PPE TOWELETTES

(Personal Protection Equipment) Efficiently cleans and prevents cross contamination

- 1LPPE100 Contains No Alcohol
- 1LPPE200 Contains Alcohol

# SafetyClean Handi-Pak™ 1LCT200

- Pop-up lens cleaning tissues
- Cleans & coats the lens with anti-fog & anti-static solutions
- Ideal for tool boxes, glove boxes, desk drawers or work stations
- 36 pop-up towelettes per container



# Eye Cups 01008 Sterile & 01012 Bulk

- Eye Cups are safety-sealed & dated for freshness
- Plastic-molded to eliminate mess
- Eye Cups sold in sterile packages & non-sterile quantities

# First Aid Eye Wash

- Contains two natural phosphate buffers & no eye irritants
- Provides the optimum environment for the eye to heal itself
- **01014** 4 oz. eyewash
- 01042 4 oz. eyewash w/sterile eye cup

# Quick-pour Bottle Refills

- **01019** 16 oz. Boston Round
- **01024** 32 oz. Boston Round







# **EMERGEN**(

# **EYEWASH & FACEWASH**



#### 1PE001

- Wall mounted eyewash with plastic bowl
- · ABS plastic spray heads
- Inline strainer and stay-open ½" ball valve with a push handle
- Meets ANSI Z358.1

#### 1PEF001

- Wall mounted eye/face wash with plastic bowl
- ABS plastic spray heads
- Inline strainer and stay-open ½" ball valve with a push handle
- Meets ANSI Z358.1



# 1PEF002

- Wall mounted eyewash with stainless steel bowl
- ABS plastic spray heads
- Inline strainer and stay-open ½" ball valve with a push handle
- Meets ANSI Z358.1



### 1PEF003

- Deck mount swivel eye/face wash that is installed next to a sink
- ABS plastic eye/face wash spray heads
- Eye/face wash swings out horizontally over the sink from the right side
- Water flow is activated automatically
- Meets ANSI Z358.1



# 1PEF004

- Wall mount swivel eye/face wash that is installed behind a sink
- ABS plastic eye/face wash spray heads
- Eye/face wash swings down over the sink from the rear
- Water flow is activated automatically
- Meets ANSI Z358.1

Wearing ill-fitting eyewear, or the wrong eyewear for the job, can contribute to sustaining eye injuries. While OSHA mandates employers assess their workplaces for possible hazards & provide the proper eyewear for each job, eye injuries still occur at alarming rates each day. In the event an accident should occur, causing dust, particles, or other matter to enter the eye, Bouton offers emergency relief with our emergency eye wash products.

# CY EQUIPMENT

# **EYEWASH & FACEWASH**



#### 01106

- Wall mount 6 gallon unit delivers 6 minute flow in less than 1 second
- Wall bracket, bacteriostatic additive, test log card and drainage hose is included
- Meets ANSI standard for personal eyewash units



# 01107 SafeStream®

- Wall mount 7 gallon Primary eyewash station with quick one-step activation
- 50% lighter than conventional systems
- · Has 2 rigid bottles of flushing fluid
- Delivers 15 minute flow in less than 1 second
- Includes steel wall bracket, bacteriostatic additive, test log card and drainage hose
- Meets ANSI Z358.1



#### 01116

- Wall mount 16 gallon Primary eyewash station
- Quick one-step activation delivering
   15 minute flow in less than 1 second
- Includes steel wall bracket, bacteriostatic additive, test log card and drainage hose
- Meets ANSI Z358.1

# **Additional Supplies & Refills**



- Preservative Concentrate
- Bacteriostatic Additive available for 6 and 16 Gallon
- **01206** 9 oz. preservative powder for 6 Gallon
- 01216 16 oz. preservative powder. for 16 Gallon
- 01200 8 oz. bacteriostatic additive for 6 and 16 gallons



# COMBINATION STATIONS, SHOWERS & DRENCH HOSES



## 1PC001 & 1PC002

- Pedestal mounted combination station with an eyewash
- · Plastic Bowl
- · ABS plastic eyewash spray heads
- Inline strainer and stay-open ½" ball valve with push handle
- Shower with plastic showerhead and 1" stayopen ball valve with a pull rod
- Meets ANSI Z358.1



#### 1PES001

- · Vertically mounted emergency shower
- Plastic showerhead and 1" stay-open ball valve with a pull rod
- Meets ANSI Z358.1



#### 1PD001

- Wall-mounted eye/face and body drench hose
- · ABS plastic eye/face wash spray head
- Stay-open squeeze lever valve and eight foot reinforced PVC hose
- Meets ANSI Z358.1

#### 1PD002

- Deck mounted eyewash and body drench bose
- ABS plastic eyewash spray heads
- Stay-open squeeze lever valve and eight foot reinforced PVC hose
- Meets ANSI Z358.1

# **Emergency Eyewash**



- Delivers sterile, isotonic, double-buffered relief in seconds
- Bottles dated for freshness
- Refills available
- National Drug Code numbers are printed on every bottle
- 01017 16 oz. VISIONAID® double station
- 01018 16 oz. VISIONAID® single station
- 01022 32 oz. VISIONAID® single station
- 01023 32 oz. VISIONAID® double station

# ACCESSORIES

# Faceshields, Accessories & Fire First Aide

Misplaced eyewear is a frustration of the past with the use of Bouton's accessories. Offering several means of keeping eyewear handy, clean & safe from damage adds to the life of much needed safety spectacles.



# Fire Suppressant

- Biodegradable Fire Suppressant
- 100% Natural Fire First Aide is the safest & most effective way to control small class A & B fires
- Air powered, environmentally safe & hypoallergenic spray
- Water based, pH neutral & contains no chlorofluorocarbon or hydrocarbons
- Can be sprayed in any position, even upside down, & may be reused until the container is empty
- Naturally controls & prevents re-ignition of small fires in wood, plastic, paper, grease, oil, or gasoline



#### Headgear & Faceshields

- Floating suspension design
- · Adjustable tension pivot assembly
- Headgear & windows sold separately
- Meets ANSI standards
- Multi-Colored Headgear (61-3840-00)
- Blue Colored Headgear (61-0000-00)
- Molded Polycarbonate Clear Faceshield (61-0815-10)
- Aluminum Binding Polycarbonate Clear Faceshield (61-0815-11)
- Flat Petg Clear Faceshield (61-0815-30)



### **Bouton Counter Display**

- · Modern rotary display
- Holds 36 pairs of safety glasses
- · Minimum amount of counter space
- 3SD36S



- Clear Lucite Counter Display
- Holds 6 pr. of spectacles
- Takes only 7 inches of counter space
- Measures 6"x 7"x 21" tall
- 3SD06S



- lenses with Rubber Goggle<sup>TM</sup>
- Easily snaps into place within the goggle
- 990RX



#### **Nylon Cords**

- Fashionable nylon cords
- · Hold safety glasses firmly without slippage
- **99540** Black
- 99541 Safety Orange
- **99543** Red
- 99544 White
- 99675 Black with slide adjustment



- · Flexible sideshields are engineered to fit all types of eyewear
- 99700



- Molded to a bendable softness
- Temple folds correctly
- No parts or tools required
- Weaves through temple
- Blocks 100% U.V.
- Conforms to ANSI standards
- **99705** Clear
- **99706** Smoke
- **99707** Green



- Holds Galaxis Goggle & replacement lenses comfortably
- Has both a belt loop & a clip for comfortable clothing attachment
- Easy accessibility
- 990GT



- Protective case for Bouton eyewear
- Shuttle also features a belt loop for easy attachment
- Easy accessibility
- · 990SH



- Nylon carrying case is soft & durable
- Expands to fit a wide range of safety glass styles
- · 99655



#### Temple Lamp

- Made of impact resistant nylon
- Dual super bright white LED's
- Provide over 100 hours of battery usage
- Easy to use slide switch and swivel head
- Spring loaded clip with rubber slip resistant pads
- Fits a wide variety of temple styles or the brim of a cap or hard hat
- 990LAMP





- Allows a person to wear prescription





# **GUIDE TO EYE PROTECTION EQUIPMENT**

## Operation or Machine

## Eye Hazard

## Recommended Eye Protection Devices

## AUTOMOTIVE, AIR, MARINE & POWER EQUIPMENT REPAIR & SERVICING

Arc Welding	Welding Flash, flying sparks	557; 650 or 5900; 9500; 8300; 7200; 9900 All with sideshields under welding helmet (in combination with IR lens)
Gas Welding, cutting and burning and Gas Brazing	Flying sparks and metal	557; 650; 240; over 5900; 8300; 7200; 9500; 9900 with sideshields and shade 5.0 IR lens.
Chiseling, drilling, grinding, sanding, chipping & compressed air	Flying particles & sparks	440; 441; 550; 551; 5300; 557; 560; 2200; 5500; 5900; 6000; 6200; 6300; 6400; 6500; 6600; 6700; 6800; 6900; 7000; 7100; 7200; 7400; 7800 ; 7800 GS; 8300; 8600; 8800; 9500; 9700; 9900 All with sideshields
Lubrication, spray painting, steam & solvent cleaning	Grease, oil, hot steam, mists splashing materials	451; 551; 552; 560; 441; 442; 5300 and 5500
Carpentry/All Operations	Flying nails & stock kickback, chips, dust	440; 441; 550; 551; 5300; 557; 560; 2200; 5500; 5900; 6000; 6200; 6300; 6400; 6500; 6600; 6700; 6800; 6900; 7000; 7100; 7200; 7400; 7800 ; 7800 GS; 8300; 8600; 8800; 9500; 9700; 9900 All with sideshields
CHEMICAL HANDLING	Splashing and/or spilling	441; 451; 551; 552; 560; 5300; 5500
FOOD & BEVERAGE PROCESSING	Splashing liquids, grease, chemical cleansing agents, flying particles & objects	441; 451; 551; 552; 5300; 557C; 240C; 560; 442; 5500 All under a face shield
FOUNDRY WORK		
Chipping & grinding, core & mold making	Flying chips, sand & Parting compound	240; 557; 560; 2200; 4100; 4200; 4300; 4400; 5900; 6000; 6200; 6300; 6400; 6500; 6600; 6700; 6800; 6900; 7000; 7100; 7200; 7400; 8300; 8600; 8800; 9500; 9700; 9900 All with sideshields
Heating & pouring metal	Splashing & sputtering molten metal	240; 650-3 Under a face shield
METAL WORK		
(All metal work including plumbing & pipe fitting) Annealing & heat treating, bending & shaping metals, drilling, etching, forging, grinding, metal spinning, riveting, sawing, snipping, soldering, tinning, cleaning & finishing	Flying particles & projectiles, lubricants, lint, abrasives, rivets, sputtering solder, flux & fluids	440; 441; 550; 551; 552; 5300; 560; 2200; 4100; 4200; 4300; 4400; 5500; 5900; 6000; 6200; 6300; 6400; 6500; 6600; 6700; 6800; 6900; 7000; 7100; 7200; 7400; 7800; 7800OGS; 8300; 8600; 8800; 9500; 9700; 9900 All with sideshields
Molten Metal		650; 557; 240; 450; 560; 5500 Under a face shield for severe exposure
PAINTING		
Spray painting, coating & related operations	Spray, splashing	441; 551; 552; 5300; 450; 557C; 560; 5500
PLASTICS & OTHER SYNTHETIC MATERIALS		
Buffing, carving, drilling, forming, sanding, sawing, sealing, shaping and wrapping	Flying dust	440; 441; 550; 551; 552; 5300; 560; 2200; 4100; 4200; 4300; 4400; 5500; 5900; 6000; 6200; 6300; 6400; 6500; 6600; 6700; 6800; 6900; 7000; 7100; 7200; 7400; 7800; 7800OGS; 8300; 8600; 8800; 9500; 9700; 9900 All with sideshields
Molding, heating, mixing, pouring	Splashing & spilling	551; 552; 560; 451; 441; 442; 5300; 5500 All under face shield when severe exposure
PLATING		
Pickling, plating, handling of acids, caustics, cleaning operations	Splashing, and/or spilling	551; 552; 560; 451; 441; 442; 5300; 5500 All under face shield when severe exposure
STONE, CLAY, GLASS & CONCRETE WORK	Flying chips & dust splashing	441; 450; 552; 5300; 560; 557C; 650C; 5500
WELDING		
Electric arc, inert gas	Welding flash, flying sparks, flux, spattering welds, fumes, gases	2200; 4100; 4200; 4300; 4400; 5300; 5500; 5900; 6000; 6200; 6300; 6400; 6500; 6600; 6700; 6800; 6900; 7000; 7100; 7200; 7400; 7800; 7800OGS; 8300; 8600; 8800; 9500; 9700; 9900 All with sideshields under a welding helmet
Spot Resistance Welding	Flying sparks	240-5; 650-5; 557-5; 8300-5; 7200-5
Chipping welds & other work	Flying chips, slag, sparks	240-5; 650-5; 557-5; 8300-5; 7200-5



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