

Piranha Brand Safety Program

Designed to Keep You In Compliance with OSHA and GHS

Compliance Saves You Money



Available on State Approved Co-ops



Bio-Shine is a Proud Supporter of Sustainable Jersey



Piranha Brand Safety Program

Overview

Each section will review the OSHA Standards, how to be in compliance, and what products we recommend, along with helpful links to OSHA's site, NJ PEOSH, and sample programs.

Hazardous Communication Program

Global Harmonization System - GHS

Respiratory Protection

Eyewash Standards

Hearing Protection

Face/Eye Protection

Foot Protection

Hand Protection

First Aid / Blood Borne Pathogen

Fall Protection



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Hazardous Communication Program

OSHA 29 CFR 1910.1200 States: link to <https://www.osha.gov/dsg/hazcom/>

All employers with hazardous chemicals in their workplaces must prepare and implement a written hazard communication program, ensure all containers are labeled, ensure all employees have access to Safety Data Sheets (SDS), and conduct an effective training program for all potentially exposed employees.

NJ PEOSH 12:100-7.3 States: https://www.nj.gov/labor/lssc/laws/peosha_law.html#71

Employers must include the following documents in an accessible area to employees at all times: hazard communication program, the list(s) of hazardous chemicals, hazardous substance fact sheets, the Right to Know survey, and the Right to Know hazardous substance list











BS1234730

Right to Know Safety Data Sheet Compliance System.
Includes Safety Data Sheet Binder and Wall Plaque
Available in Bi-lingual English/Spanish BS134729

 **Click here for a Sample Program**

<http://www.bio-shine.com/wp-content/uploads/2018-Hazardous-Comm-Template-NJ.docx>

Key Points

-  You and your staff should have already been trained on GHS Labeling. If not, get trained.
-  You should comb through your facility and make sure all chemicals have the proper labels. Dispose of any containers not complying with GHS/OSHA regulations.
-  Ensure you have **gone through EVERY SDS and checked EVERY Chemical against the NJ Hazardous Substance Fact Sheets** and included them in your Right to Know area.
-  You can keep current SDSs in your Right-To-Know, but any chemical no longer in the district needs a SDS on hand for 30 years.
-  IF a chemical contains a hazardous substance from the NJ list, you must also include the HSFS (Hazardous Substance Fact Sheet) along with the SDS together in the Right-To-Know.
-  Labels on spray bottles **MUST** be in compliance with GHS/NJ PEOSH. No hand written labels.
-  NJ PEOSH requires initial training for all staff and refresher training every 2 yrs and if a new product is introduced.
-  You must provide SDSs for any product a contractor brings into your building as well.

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Global Harmonization System (GHS)

GHS falls under OSHA's Hazard Communication Standard, 29 CFR 1910.1200 and refers to the new Global system of labeling on all chemical containers.

Personal Protective Measures

Respiratory Protection: Not necessary if workplace concentrations of hazardous constituents are below recommended limits. If the exposure limit is exceeded, an approved respirator should be worn. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable local or national regulations, in the US: OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Eye Protection: Use chemical safety goggles.

Skin Protection: Impervious gloves such as neoprene or nitrile recommended where contact is likely. Wear protective clothing as required to avoid prolonged or repeated skin contact when handling.

Other protection: None required.

2.1 Classification of the Substance or Mixture

EU Classification (1272/2008):

Eye Damage Category 1 (H318)
Skin Corrosive Category 1C (H314)

US OSHA Classification (29CFR1910.1200):

Eye Damage Category 1
Skin Corrosive Category 1C








2.2 Label Elements:



Safety Pictograms



Important Facts

-  \$13,000 Fine for Non-Compliance.
-  OSHA required training to be completed by December 1, 2013.
-  MSDSs are no longer adequate. You MUST have SDSs for all products in your building.
-  Manufacturers must ship all chemicals with the new GHS labeling and supply SDSs for all products.
-  Every facility must remove all products with non-compliant labeling.
-  Each SDS is now a 16 section, more informative form with pictures and standardized wording.
-  SDSs must contain precautionary statements and recommendations for Personal Protective Equip.

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Respirator Protection Requirements

OSHA Requirement 1910.134 States: Link to osha <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.134>

A respirator shall be provided to each employee when such equipment is necessary to protect the health of such employee. The employer shall provide the respirators which are NIOSH approved and applicable and suitable for the purpose intended. The employer shall be responsible for the establishment and maintenance of a respiratory protection program, which shall cover each employee required by this section to use a respirator.

BS134632 (Large) - North 5500 Series half mask respirator used for Chemical Vapor Protection. Includes (2) 7581P100 Organic Vapor P100 cartridges. Size large.
(Available in: BS134633 (Medium) / BS134634 (Small))









BS134630 (High Quality) - Honeywell 14110391 - SAF-T-FIT Plus N115. Particulate Respirator, Niosh N95 rated, with nose seal and clip, size medium/large. (20/bx)



BS113773 (Economy) - Single use Niosh N95 rated mask. Guard against microorganisms, body fluids, and particulate material. Close facial fit and highly effective filtration system; 20/box 24 boxes/case

What You Need Know

-  If you provide 1 employee with a respirator, you **MUST** have a Respirator Protection Program.
-  Bio-Shine offers free sample programs to help you get in compliance now.
-  Employer must provide respirators, training, and medical evaluations at no cost to the employee.
-  Designate a Program Admin and evaluate employee jobs/processes to check respiratory needs.
-  If a product states on the SDS to use a respirator or indicates you should not breathe vapors, then we recommend supplying a respirator to your employees.
-  Supplying a respirator includes Fit Checks, Seal Checks, and Bitrex/Odor Test.

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Eyewash Standards

OSHA 29 CFR 1910.151 States:[link to osha https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.151](https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.151)

Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.

BS134602 - Pure Flow 1000 Eye Wash System

Delivers 100% sterile saline from a 100% sterile delivery system for 15 mins.

Does not include sealed sterile fluid cartridge.

2 Per Case Saline: BS134603

Cart for Mounting/Portability: BS134604









URGENT

\$30,000 Cost of Non-Compliance

Includes: doctor, hospital, fines, missed work. Does not include lawsuit

**Optional Cart

What's Important

-  Key phrase: corrosive materials and immediate emergency use are not defined by OSHA
-  More definitive information is given by **ANSI Standard Z358.1**: 15 Minute Flush within a 10 second walk for any chemical with a PH of 2 or less or 11 or higher.
-  PH of 2-0/11-14 consists of degreasers, strippers, bleach, bowl cleaners and more. Check your SDS to know the PH level of your products.
-  Rinsing your eye for less then 15 minutes could result in permanent eye damage or blindness.
-  Make sure your saline cartridges are NOT expired.
-  Use of Optional Cart gives you the ability to mobilize your eye wash station.

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Hearing Protection Standards

OSHA 29 CFR 1910.95 States: link <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.95>

Protection against the effects of noise exposure shall be provided when the sound levels exceed those shown in Table below.

Duration per day, Hours	Sound Level dBA
8	90
6	92
4	95
3	97
2	100
1.5	102
1	105
0.5	110
.25 or Less	115



BS134995
Sync / Bluetooth



BS134994
Standard



BS122460






BS123146





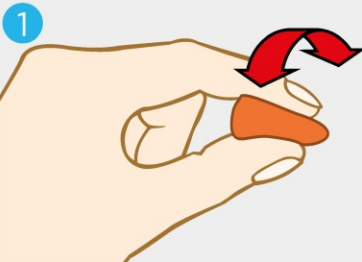
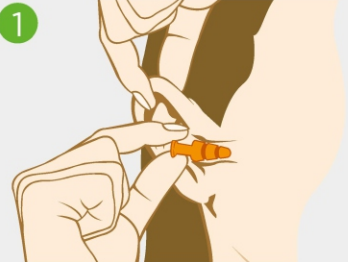
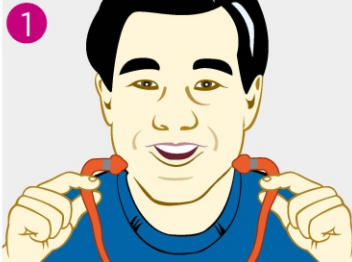
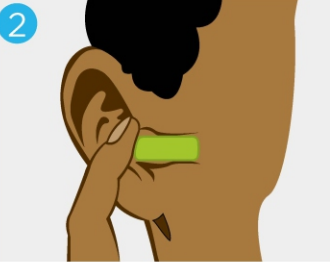

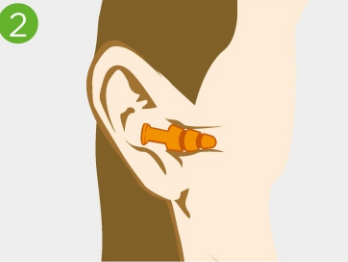

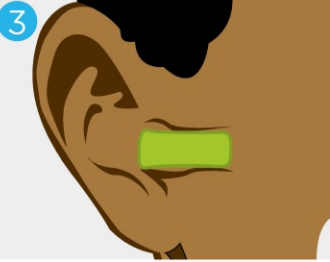
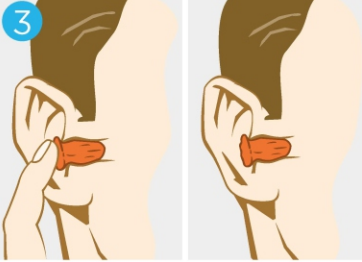
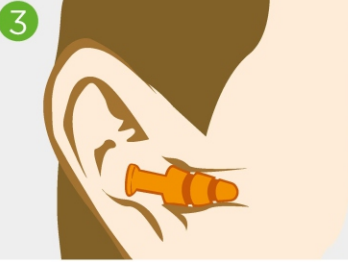

BS134993

Important Facts

-  Each product has a Noise Reduction Rating (NRR) Use this factor to determine which product is appropriate given the sound levels recorded
-  Download a sound measuring app on your smartphone or purchase a sound measuring device for monitoring.
-  Most workers do not know how to install or remove hearing protection properly - resulting in pain or inadequate protection

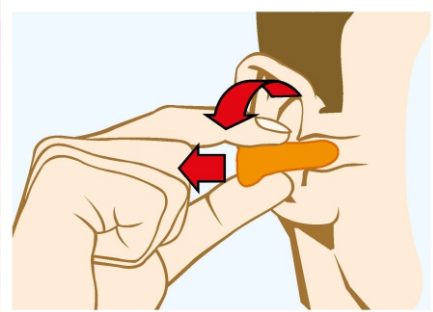
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How to Properly Install Ear Plugs

1 No-Roll Foam	1 Roll-Down Foam	Multiple-Use	Banded
			
			
<p>Reach over your head, pull your ear up and back, insert earplug well inside ear canal</p>	<p>Roll earplug into narrowest possible crease-free cylinder</p>	<p>Hold Stem, reach over head and pull ear up and back.</p>	<p>Put band under chin, Press pods well into ear canal</p>
			
<p>Stop inserting earplug when finger touches your ear</p>	<p>Reach over head, pull ear up and back, insert well inside ear canal</p>	<p>Insert plug so all flanges are well inside ear canal</p>	<p>Pull ear up and back when inserting plugs</p>
			
<p>Plug shouldn't be visible to someone looking at you from front</p>	<p>Hold until fully expanded - plug shouldn't be visible to someone looking at you from front</p>	<p>Tip of stem may be visible to someone looking at you from front</p>	<p>Hold until fully expanded - plug shouldn't be visible to someone looking at you from front</p>

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Dos and Don'ts of Ear Plugs



REMOVAL

Gently twist earplug while slowly pulling in an outward motion for removal.



PROPER FIT

If either or both earplugs do not seem to be fitted properly, remove and reinsert.



ACOUSTICAL CHECK

In a noisy environment, with earplugs inserted, cup your hands over your ears and release. Earplugs should block enough noise so covering your ears with your hands should not result in significant noise difference.

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Face/Eye Protection Standards

OSHA 29 CFR 1910.133 States: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.133>

Employers must provide eye/face protection when eye or face hazards from flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation

Flying Object Eye Protection - 400 Series

9-base wraparound lens for full protection/better field vision - Comfort improved by rubber, dual-material, non-slip temple tips - Cushioned nose bridge - U6 lens filters > 99.9% UVB/UVA for far and near UV transmittance
(Tinted Lens Available Upon Request)



BS134659 - SPV400 - Safety Glasses - Clear Frame - Clear Lens - AntiScratch
8 Glasses Per Box

BS134660 - SPV401 - Safety Glasses - Clear Frame - Clear Lens - AntiFog
8 Glasses Per Box






Chemical Splash Eye Protection - 600 Series

Uvex A600 economy goggle indirect venting for impact and splash protection. Goggle fits over most prescription eyewear. Available with optional anti-fog



BS134664 - Safety Goggles - Clear - Indirect Venting for Chemical Protection

Important Facts

-  There are 300,000 Workplace Eye injuries a year. 90% are Preventable if staff wears PPE.
-  \$300 Million is spent on Medical Bills, Compensation, and Time Off.
-  Chemical Goggles are different from Impact Goggles. Make sure you have proper protection for your task.
-  Once you deem eye protection to be "required" for a task, workers do NOT have the right to refuse a lawful and reasonable direction from their employer.
-  If the supervisor is aware an employee is not wearing PPE and the employee becomes injured, the EMPLOYER is responsible and can be fined by OSHA. Make sure you have disciplinary action in place.

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Foot Protection - Chemical Standards

OSHA 29 CFR 1910.1200 States: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1200>

OSHA Regulations directly cover punctures, crushing of foot, etc. As far as a chemical degradation you would need to refer to your Hazardous Communication information.

Example in Action - Stripping a Floor

You need to check the SDS. IF the SDS states in section 2 “protective clothing” to be worn or if in section 4 it states “ Remove contaminated clothing and shoes”, then you **MUST** provide your staff with appropriate PPE like shoe covers for anyone who will actively be stepping on a floor with stripper on it. Remember, per Hazardous Communication, each duty requires a Hazardous Assessment to be filled out.



BS134655
One Size Fits All






Available in
Red or Black



Various Sizes
Available

What You Need to Know

-  For any chemical related footwear questions - check your SDS
-  Fill out your Hazardous Assessment for each Job Duty - Link to Analysis Form
-  Even Green labeled products recommend use of protective clothing/footwear. Read ALL SDS carefully.

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Standard Foot Protection Standards

OSHA 29 CFR 1910.136 States:<https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.136>

The employer shall ensure each affected employee uses protective footwear when working in areas where there is a danger of foot injuries due to falling or rolling objects, or objects piercing the sole, or when the use of protective footwear will protect the affected employee from an electrical hazard, such as a static-discharge or electric-shock hazard, that remains after the employer takes other necessary protective measures.







Kings Women's Safety Boots and Hiker Shoes



Oliver's Men's Safety Boots



Key Points

-  All Footwear Above provides toe protection and meets ASTM F2413-11
-  There are 60,000 Work Related Foot Injuries a Year
-  80% of injuries are from objects weighing less than 30lbs
-  Encourage your staff to invest in sturdy, non-slip, shock absorbent footwear to prevent foot injuries.
-  Employers do NOT have to provide it, but you MUST ensure the staff is wearing proper footwear.
-  After assessing all job duties - educate staff on what protective footwear is required.

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Hand Protection Standards

OSHA 29 CFR 1910.138 States: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.138>

Employers shall select and require employees to use appropriate hand protection when employees' hands are exposed to hazards such as those from skin absorption of harmful substances; severe cuts or lacerations; severe abrasions; punctures; chemical burns; thermal burns; and harmful temperature extremes.



Nitrile, Vinyl, Latex
General Cleaning Gloves



Flock Lined
General Cleaning Gloves



Cotton Canvas
Maintenance Glove







Jersey Brown Knit Wrist
Maintenance Glove



PVC Dotted Knit Wrist
Maintenance Glove

Due to multiple sizes of each type of glove, please contact our office for specific item numbers.

Important Facts

-  1,000,000 Workers go to the Emergency Room a Year for Hand Injuries
-  70% were NOT wearing gloves
-  140,000 lost a median of 5 days of work
-  Cost of an injury \$22,000 includes: missed days, hospital visits and OSHA visits/fines

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First Aid Kit Standards

OSHA 29 CFR 1910.151 States: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.151>

In the absence of an infirmary, clinic, or hospital in near proximity to the workplace which is used for the treatment of all injured employees, a person or persons shall be adequately trained to render first aid. Adequate first aid supplies shall be readily available.

BS134957 - 25 Person First Aid Kit

BS134958 - 50 Person First Aid Kit



Bloodborne Pathogen Standards

OSHA 29 CFR 1910.1030 States: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030>

If you have 1 employee who will be exposed to bloodborne pathogens, you will need to establish a written Exposure Control Plan designed to eliminate or minimize employee exposure. The plan should be reviewed and updated each year along with giving access to any employee who may be exposed. Employers are required to make a list of all job classifications and the occupational exposure. Employees should wash hands after removing and disposing of gloves. Employer is responsible for ensuring staff use the PPE provided.



BS134954 - Bloodborne Pathogen Clean Up Kit

Complete kit with necessary supplies to clean a spill containing the risk of blood-borne pathogens or other body fluids. Meets OSHA regulation 29 CFR 1910.130 compliance. Quickly decontaminate potentially harmful bloodborne pathogens such as HIV, H1N1, Norovirus, TB, and others

BS134955 - Bloodborne Pathogen Refill Kit

Includes 1 Spill Clean Up Bag

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Fall Protection Standards

OSHA 29 CFR 1910 Subpart D States:<https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910SubpartD>

OSHA requires fall protection be provided at elevations of four feet in general industry workplaces.

*Ladders should be in good working order. If they are broken or malfunctioning, they should be labeled "Do Not Use" and replaced immediately.

**When using a lifting platform, (usually to gain roof access or change light bulbs in high ceilings) you are required to wear a body harness and either retractable lanyard or 4ft static lanyard.



BS134989
Titan No Stretch L/XL



BS134990
Miller 650 Stretch L/XL







BS134991
9Ft Retractable Lanyard



BS134992
6Ft Static Lanyard

Key Points

-  48,000 people fell and were injured badly enough to require days off of work
-  134 workers died from falls on the same level
-  Only those with Competent Person Training can be on a rooftop.
-  Bio-Shine will conduct Competent Person Training Courses for your convenience.

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