



HURRICANE KATRINA PRODUCT SELECTION GUIDE



safety vests

Visibility will be very important, especially when working near roads or heavy equipment. Workers will need to stand out from the debris to help avoid injury, so high visibility vests will be important in daylight hours. In the dusk, dawn and evening hours people will need vests to offer reflectivity of light to increase their visibility.

Part Number	Description
10053454	ANSI Class II Reflective Safety Vest
818040	High Visibility Safety Vest
817890	Reflective Safety Vest



first aid kits

With the number of water-borne contaminants it is important to avoid getting cuts infected or exposures to the germs in the water. First aid kits with eye wash, antibiotic treatments, alcohol prep pads, and rubber gloves make a lot of sense in this environment. Additionally, the more routine ankle sprains may be treated with instant ice packs.



Part Number	Description
10049585	160-Piece First Aid Kit

head protection

Whenever people are working around overhead hazards (tree limbs, unstable houses, debris, etc.) head protection is required. Additionally, head protection offers limited dielectric protection from electrical hazards (such as low hanging-electrical wires).

Part Number	Description
818066	White V-Gard® Cap with Standard Suspension
818068	Yellow V-Gard® Cap with Standard Suspension
818064	White V-Gard® Hat with Ratchet Suspension, Industrial Grade
10006318	Full Brim Hard Hat with Ratchet Suspension, White, Industrial Grade
Call	Unsinkable Spirit™ Hardhat with 1-Touch™ Suspension



faceshields

Faceshields will be required for such activities as breaking glass windows, or sawing downed tree branches. Faceshields must only be used as secondary protection for the eyes, so safety glasses or goggles will be required for use under the faceshields.

Part Number	Description
817893	Adjustable Faceshield, Industrial Grade
10039423	Replacement Faceshield Visor, Clear
10055405	Weedtrimmer Faceshield



fall protection

One of the largest safety hazards and threats to life is the potential of a fall from heights. When working on roofs, in trees, or in aerial lifts, fall protection harnesses with shock absorbers and proper anchorage connectors are required.

FALL PROTECTION KITS

Part Number	Description
817895	Fall Protection System, Industrial Grade
10060010	Fall Protection Bucket
818166	Roof Anchors (pkg. of 3)
10066285	Aerial Fall Protection



Unsinkable Spirit. Unwavering Support.

We know there's a lot of uncertainty surrounding the Hurricane Katrina tragedy. MSA Safety Works hopes to reduce some of that uncertainty, at least as it relates to safety product selection and application. Calling upon our more than 90 years of safety experience, and especially on our experience in past crisis events, the following outlines some of the key safety products that will be required by emergency responders, clean up crews and eventually, returning homeowners.

RESPIRATORY PROTECTION

Hurricane Katrina has left behind a "toxic gumbo" of biohazards, chemicals, and gases that can be harmful to humans. Additionally, as the waters recede, the formation of molds, which may cause allergic reactions, will likely develop. As a consequence, there will be a large demand for respiratory protection.

Typically, there are a variety of air-purifying respirators which are suitable for certain applications. Of course, the selection of air purifying respirators should be made on the basis of a thorough understanding of the exposure. Use this information only as a guide. Seek updated information on respirator recommendations as more information becomes available from government health officials. In the interim, the following offers typical product applications:

WARNING


The appropriate respirator instruction manual, including the warnings and cautions inside of it, must be carefully read and followed by all persons who use or maintain these products, including those who have responsibility involving respirator selection, application, service, or repair. The respirators will perform as designed only if used and maintained according to the instructions. Otherwise, the respirator could fail to perform as designed and persons who rely on these products could sustain serious personal injury or death.

A qualitative or quantitative fit test must be carried out for each wearer of any of these respirators to determine the amount of protection they will provide. Respirator fit tests are explained fully in the American National Standard for Respiratory Protection, ANSI Z88.2, which is published by the American Standards Institute, 11 West 42nd Street, New York, New York 10036. The user must perform a respirator fit test and follow all warnings and limitations specified. Failure to do so can result in serious personal injury or death.

respirator selection

N95 RESPIRATOR FOR HARMFUL DUST ¹


These may be best suited for homeowners for protection while cutting (non-lead based painted) wood, or tree branches. N95 Respirators are at least 95% efficient against non-oil based particulates.

Part #	DESCRIPTION	
817633	Harmful Dust Respirator, 2/pkg ¹	
10005403	Harmful Dust Respirator, 20/pkg ¹	

N95 RESPIRATOR FOR HARMFUL DUST WITH EXHALATION VALVE ¹


In particularly hot or humid environments, this version of respirator helps easily vent moist hot air from within the mask.

Part #	DESCRIPTION	
817626	Harmful Dust Respirator with Exhalation Valve ¹	

Part #	DESCRIPTION	
10026345	Foldable Respirator with Exhalation Valve ¹	

N95 RESPIRATOR FOR HARMFUL DUST WITH ODOR FILTER ¹

This version has a light charcoal filter for nuisance level odors. It may be appropriate for helping to block mild odors, such as those that may be encountered while cleaning up in musty environments, or when applying paint with a brush or roller.

Part #	DESCRIPTION	
817629	Harmful Dust Respirator with Odor Filter ¹	

WARNING


¹ **DO NOT** use while performing or if near sandblasting, concrete or masonry operations, fire fighting, or any operations that may produce airborne particles containing silica (sand), asbestos, lead, or other substances reported to cause cancer. Read all instructions and warnings before using. **Misuse can result in serious personal injury, illness or death.**

respirator selection

P100 RESPIRATOR FOR TOXIC DUST

“Black mold” (*Stachybotrys chartarum* or *Stachybotrys atra*) is a greenish black mold commonly associated with heavy water damage. A high efficiency filter version of respiratory protection is required, such as is used on this respirator. This half-mask respirator should be used for mold exposures of less than 10 sq. ft. (e.g. about the size of a 3 ft. x 3 ft. surface area).² The respirator will also help protect wearers working near asbestos or lead paint (but not from higher exposures such as may be encountered during removal of these contaminants.)

WARNING: Some contaminants can enter the bloodstream through the eyes. Wear gas-tight goggles for protection from these contaminants.

Part #	DESCRIPTION	
817664	Toxic Dust Respirator	

Part #	DESCRIPTION	
817665	Toxic Dust Respirator Replacement Cartridges, 2/pkg	

⚠ WARNING


² Although the level of personal protection suggested for mold in these guidelines is based on US EPA guidance that relates the total surface area contaminated and the potential for remediator and/or occupant exposure, professional judgment should always play a part in remediation decisions. The EPA remediation guidelines are based on the size of the affected area to make it easier for remediators to select appropriate techniques, not on the basis of health effects or research showing there is a specific method appropriate at a certain number of square feet. The guidelines have been designed to help construct a remediation plan. The remediation manager will then use professional judgment and experience to adapt the guidelines to particular situations. When in doubt, caution is advised. Consult an experienced mold remediator for more information.

In cases in which a particularly toxic mold species has been identified or is suspected, when extensive hidden mold is expected (such as behind vinyl wallpaper or in the HVAC system), when the chances of the mold becoming airborne are estimated to be high, or sensitive individuals (e.g., those with severe allergies or asthma) are present, a more cautious or conservative approach to remediation is indicated. Always make sure to protect remediators and building occupants from exposure to mold. **Failure to do so can result in serious personal injury or death.**

GME-P100 HALF MASK RESPIRATOR FOR MULTI-PURPOSE USE:


When doing the actual clean up of contaminated areas, there are likely to be numerous offensive odors (generally organic vapors) which this respirator can adsorb. Additionally, when cleaning up with bleach (chlorine vapors) or ammonia and water (ammonia vapors) this respirator can likewise help block these odors. (**Caution: Do not mix chlorine with ammonia.**) And with its integral high efficiency P100 filters, the respirator is also appropriate for mold [this half-mask respirator should be used for mold exposures of less than 10 sq. ft. (e.g. about the size of a 3 ft. x 3 ft. surface area)],² bioaerosols and other potentially toxic particulate hazards. This is the most widely approved half mask on the market making it ideal for a variety of lower concentration exposures. (It can also be used anywhere the N95 or P100 respirators described above are used.)

WARNING: Some contaminants can enter the bloodstream through the eyes. Wear gas-tight goggles for protection from these contaminants.

Part #	DESCRIPTION	
817663	Multi-Purpose Respirator (Half-Mask)	
817667	Multi-Purpose Respirator Replacement Cartridges, 2/pkg	

GME-P100 FULL FACEPIECE RESPIRATOR FOR MULTI-PURPOSE USE

Designed for applications that generally involve higher concentrations of contaminants, this respirator provides integral eye protection as well as respiratory protection. This respirator is appropriate for clean up of mold in excess of 100 sq. ft. of surface area.²


Part #	DESCRIPTION	
10041139	Full-Facepiece Multi-Purpose Respirator	
817667	Multi-Purpose Respirator Replacement Cartridges, 2/pkg	


hearing protection

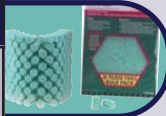
EAR MUFFS / EAR PLUGS / EAR BANDS

As people begin the clean up of debris and fallen trees, they will be using chain saws and power tools which are hazardous to their users' hearing. The selection of hearing protection products is largely based on personal preference, but during a crisis such as this, ear plugs which are in plentiful supply at a relatively low cost make an excellent choice for noise reduction to help prevent long-term hearing loss.

Part #	DESCRIPTION	
10033236	Foldable Ear Muffs, NRR 20	

Part #	DESCRIPTION	
10004293	Economical Ear Muffs, NRR 20	

Part #	DESCRIPTION	
818076	Foam Ear Plugs, 200/box, NRR 29	

Part #	DESCRIPTION	
10020803	Foam Ear Plugs, 60 pair/package, NRR 29	

protective eyewear

CHEMICAL SPLASH GOGGLES

When working with cleaning chemicals or contaminants that could splash in the eye, these goggles are an appropriate choice. They also accommodate most prescription eyewear, and are impact resistant.



Part Number	Description
10031205	Chemical Splash Safety Goggles

SPLASH-RESISTANT SAFETY GOGGLES

For the same application as above, but where an anti-fog lens is needed (e.g. for particularly warm areas, or during heavy work loads.)



Part Number	Description
817698	Splash-Resistant Safety Goggles

SAFETY GLASSES

A variety of safety glasses are available for use during such activities as clearing trees, brush or debris; operating power tools; doing demolition work, etc., where impact protection is needed.

Clear lens models make sense for indoor use, while tinted versions are ideal for outdoor use as they also protect from the effects of harmful UV radiation.

Indoor/Outdoor versions work well for applications where people are moving between these environments (such as clearing contaminated items from homes to the curb).



Part Number	Description
10006315	Closefitting Safety Glasses, Clear
10041055	Padded Browguard Safety Glasses, Anti-fog, Clear
10020587	Rainbow Mirror Custom Fit Safety Glasses
817694	Indoor/Outdoor Safety Glasses



Note: This bulletin contains only a general description of MSA products and their potential application. Since each application may vary, the need for, and/or type of, safety equipment may also differ. This bulletin describes only typical product applications. A safety professional should be consulted for specific product application recommendations. While uses, applications, and general performance capabilities are described, under no circumstances should the product be used except by trained and qualified individuals and not until complete detailed instructions concerning these products have been thoroughly read and understood and the precautions therein set forth followed. Only they contain the complete and detailed information concerning these products.

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One Project At A Time.®**

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