

GHS PIPE MARKERS



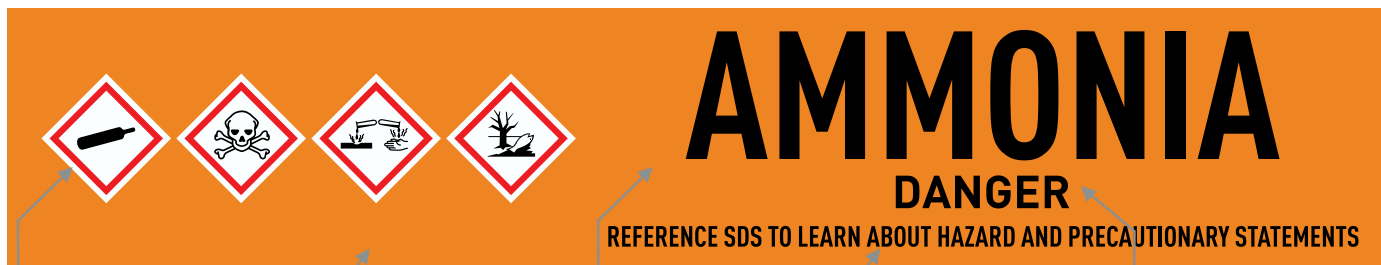
ADVANTAGES

Same Day SHIPPING

No Set-Up CHARGES

- Aggressive Adhesive Will Stick To Most Surfaces
- Slit Liner For Easy Peel
- Use In Conjunction With Arrows To Comply With ANSI/ASME A13.1
- Marker Size Selection Should be Based on Pipe O.D. Including Insulation, if Applicable.
- No Minimums On Stock Or Custom Orders
- No Custom Set Up Charges
- Markers Are Sold Individually
- Same Day Shipping

GHS Pipe Markers are adhesive backed markers that you peel and stick. Brimar's specially formulated adhesive is applied with a heavy coating to ensure adhesion to a variety of surfaces. Apply markers only to clean and dry surfaces. Minimum of 50° F required for installation. GHS Pipe Markers comply with ANSI / ASME A13.1 standards if used in conjunction with directional arrows.



Hazard Communication Pictograms (GHS)

Marker Colors as per ASME A13.1

Identifier or Chemical Name

Hazard Statement Reference Note

Signal Word

Additional Means of Identification ASME A13.1 2015

ASME A13.1 has incorporated the GHS pictograms into the new 2015 revision and has recommended their use as part of the legend.

“The applicable GHS pictograms as illustrated below may be included as part of the legend. Where piping is connected to containers that are labeled in accordance with GHS requirements, a corresponding label on the piping may be provided. The corresponding label should contain at least the product name or identifier, the pictogram, the signal word, and the physical, health and environmental hazard statements.”

Hazard Communication Pictograms

Nine OSHA approved Hazard Communication pictograms. Each pictogram below is used to alert users of the chemical hazards to which they may be exposed to. The pictogram consists of a black symbol inside a white diamond framed by a red border and each represents a distinct hazard. From no symbols, or up to 6 different symbols can be printed on each marker, depending on the substance you need to identify. The symbol printed on the marker is determined by its chemical hazard classification. Reference SDS to learn about the hazard classification of each substance you will be exposed to. Use the number under each pictogram below to match the GHS symbol specified on page 40.



GHS01

Health Hazard

- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity



GHS02

Flame

- Flammables
- Pyrophorics
- Self-Heating
- Emits Flammable Gas
- Self-Reactives
- Organic Peroxides



GHS03

Exclamation Mark

- Irritant (skin and eye)
- Skin Sensitizer
- Acute Toxicity (harmful)
- Narcotic Effects
- Respiratory Tract Irritant
- Hazardous to Ozone Layer (Non-Mandatory)



GHS04

Gas Cylinder

- Gases Under Pressure



GHS05

Corrosion

- Skin Corrosion/ Burns
- Eye Damage
- Corrosive to Metals



GHS06

Exploding Bomb

- Explosives
- Self-Reactives
- Organic Peroxides



GHS07

Flame Over Circle

- Oxidizers



GHS08

Environment Skull (Non-Mandatory)

- Aquatic Toxicity



GHS09

Skull and Crossbones

- Acute Toxicity (fatal or toxic)

GHS PIPE MARKERS

GHS PIPE MARKER LEGENDS & PART NUMBERS

PART #	CHEMICAL NAME	SIGNAL WORD	COLORS	GHS SYMBOL(S) PRINTED ON THE MARKER
GHS01	ACETYLENE	DANGER	Yellow/Blk	GHS02, GHS04
GHS02	ACETONE	DANGER	Yellow/Blk	GHS02, GHS03
GHS03	AMMONIA	DANGER	Orange/Blk	GHS04, GHS09, GHS05, GHS08
GHS04	CARBON DIOXIDE	WARNING	Gray/Wh	GHS04
GHS05	CARBON MONOXIDE	DANGER	Yellow/Blk	GHS02, GHS04, GHS01, GHS09
GHS06	CHLORINE	DANGER	Yellow/Blk	GHS07, GHS04, GHS09, GHS05, GHS01, GHS08
GHS07	FLUORINE	DANGER	Blue/Wh	GHS07, GHS04, GHS09, GHS05, GHS01
GHS08	FORMALDEHYDE 37%	DANGER	Yellow/Blk	GHS01, GHS05, GHS09, GHS03
GHS09	FORMIC ACID	DANGER	Orange/Blk	GHS02, GHS05, GHS09
GHS10	GASOLINE	DANGER	Yellow/Blk	GHS02, GHS01, GHS03
GHS11	HYDRAZINE	DANGER	Orange/Blk	GHS02, GHS09, GHS01, GHS05, GHS08
GHS12	HYDROGEN SULFIDE	DANGER	Brown/Wh	GHS02, GHS04, GHS09, GHS03, GHS08
GHS13	ISOPROPYL ALCOHOL	DANGER	Yellow/Blk	GHS02, GHS03
GHS14	L.P.G. (Liquefied Petroleum Gas)	DANGER	Yellow/Blk	GHS02, GHS04
GHS15	METHANOL	DANGER	Yellow/Blk	GHS02, GHS09, GHS01
GHS16	METHYL ACETATE	DANGER	Yellow/Blk	GHS02, GHS03
GHS17	NITRIC ACID	DANGER	Orange/Blk	GHS07, GHS05
GHS18	OXALIC ACID	DANGER	Orange/Blk	GHS05, GHS03
GHS19	PHENOL	DANGER	Brown/Wh	GHS09, GHS01, GHS05, GHS08
GHS20	PHOSPHORIC ACID	DANGER	Orange/Blk	GHS05, GHS03
GHS21	PROPANE	DANGER	Yellow/Blk	GHS02, GHS04
GHS22	SODIUM HYDROXIDE	DANGER	Orange/Blk	GHS05
GHS23	SULFURIC ACID	DANGER	Orange/Blk	GHS05, GHS09, GHS01
GHS24	TETRAHYDROFURAN	DANGER	Yellow/Blk	GHS02, GHS03, GHS01
GHS25	TOLUENE	DANGER	Yellow/Blk	GHS02, GHS01, GHS03
GHS26	TRICHLOROETHYLENE	DANGER	White/Blk	GHS01, GHS03

Stock GHS Marker Pricing

Size	Pipe O.D.	1 - 25	26 - 50	51+
1XSM	3/4" to 1-1/4"	3.15	2.80	2.55
1SM	1-1/2" to 2-3/8"	3.15	2.80	2.55
1	2-1/2" to 7-7/8"	4.75	4.25	3.80
1LG	8" to 10"	-----	-----	-----

Custom GHS Marker Pricing

Size	Pipe O.D.	5-9	10 - 25	26+
1XSM	3/4" to 1-1/4"	4.45	3.95	3.50
1SM	1-1/2" to 2-3/8"	4.45	3.95	3.50
1	2-1/2" to 7-7/8"	5.20	4.70	4.20
1LG	8" to 10"	9.75	8.80	7.95

To Order Stock GHS Markers:

Specify part number and marker size. See part numbers on the table above. **Example: GHS03 1SM = AMMONIA Size 1SM.** OK to combine stock markers for best pricing.

To Order Custom GHS Markers:

Specify product code CUST-GHS-(Marker Size). Specify custom wording, colors and quantity. **Example CUST-GHS-1XSM.** Minimum of 5 identical markers are required. OK to combine custom legends of 5 or more for better pricing.



Arrow Banding Tape

To Order:

Specify part number (see Pg 11) and quantity. OK to combine for rolls best pricing.

Premium Arrow Banding Tape Pricing

Size	Marker Size	1-9	10-24	25+
1" x 30 yrd	1XSM, 1SM	16.95	15.75	14.50
2" x 30 yrd	1	31.95	29.95	27.95
4" x 30 yrd	1LG, 1XLG	56.95	53.25	51.50

GHS Marker Size Selection

Size*	1XSM	1SM	1	1LG
Pipe O.D.	3/4" to 1-1/4"	1-1/2" to 2-3/8"	2-1/2" to 7-7/8"	8" to 10"
Marker Size (W x H)	8 x 1-1/2"	8 x 1-1/2"	14 x 2-1/4"	24 x 4"
Symbols & Chemical Name	1/2"	3/4"	1-1/4"	2-1/2"
Signal Word Size	3/16"	3/16"	1/4"	1/2"

* Size Selection SHOULD include insulation thickness