PANDUIT® building a smarter, unified business foundation
Connect. Manage. Automate.

Selection Guide

GHS Safety Solution

Achieving Workplace Safety throughout the Physical Infrastructure

Robust workplace safety practices and procedures are essential to keep operations running smoothly and efficiently while maintaining a safe working environment for employees. Regulatory bodies such as the Occupational Safety and Health Administration (OSHA) have been active in auditing facilities for compliance and issuing citations and significant fines when violations are observed. An overall safety program should address the following:

- Compliance with workplace safety regulations (OSHA and NFPA)
- Training program in place to keep your workforce aware of the requirements
- Familiarity with the latest regulatory changes and/or updates (OSHA and NFPA)
- Safety policy that is clear, well understood, and enforced by those that are involved
- Properly identify and communicate hazards within your infrastructure to employees

OSHA's Hazardous Communication Standard (HCS) (29 CFR 1910.1200) has recently been updated to align with the Globally Harmonized System (GHS) for Classification and Labeling of Hazardous Chemicals which is an internationally agreed-upon system created by the United Nations. This new standard is designed to replace the various classification and labeling standards used in different countries with a consistent labeling system on a global level.

How Does This New GHS Standard Impact You?

Much of OSHA's Hazardous Communication Standard has been changed in this transition and that means manufacturers and employers will have to update their hazard communication program accordingly. The new requirements include:

Key GHS Compliance Dates

The GHS requirements are transitioned into effect in 4 phases over a 2 1/2 year period starting in December 2013.

December 1, 2013
Employers to train employees on the new label elements and SDS format.

June 1, 2015
Comply with all modified provisions of this final rule (Exception: distributors may ship products labeled by manufacturers under the old system).

December 1, 2015
Distributors must ship products with GHS compliant labeling.

June 1, 2016
Employers to update alternative workplace labeling and hazard communication program as necessary, and provide additional employee training for newly identified physical or health hazards.

Employee Training
All employees must be trained on the new label requirements and SDS formats.

Safety Data Sheets
New sections and information are required for the Safety Data Sheets compared to the old MSDS style sheets.

Chemical Labeling
Labeling changes from MSDS to GHS include revised hazard classification and new pictograms.

Panduit GHS Safety Solutions are designed to comply with the recently updated OSHA Hazardous Communication Standard and will help you navigate through the proper implementation of these new requirements by providing a comprehensive offering that includes GHS safety services, training aids, and GHS labeling and software products.

Pre-Printed Labels and Tags

GHS Hazard Pictogram and Classes

Physical/Chemical Risk

Exploding Bomb
Explosives, Self-Reactive, Organic Peroxides

Gas Cylinder
Gases under pressure

Flame over Circle
Oxidizers

Flame
Flammables, Pyrophoric, Self-Heating, Emits Flammable Gas, Self-Reactive, Organic Peroxides

Corrosion
Corrosive to Metals

Health Risk

Corrosion
Skin Corrosion/Burns and Eye Damage

Skull and Crossbones
Acute Toxicity (fatal or toxic)

Exclamation Mark
Irritant (skin and eye), Skin Sensitizer, Acute Toxicity (harmful), Narcotic Effects, Respiratory Tract Irritant, Hazardous to Ozone Layer

Health Danger
Carcinogen, Mutagenicity, Reproductive Toxicity, Respiratory Sensitizer, Target Organ Toxicity, Aspiration Toxicity

Environmental Risk

Environmental
Aquatic Toxicity

New Globally Harmonized Standard (GHS) Label Format Required Elements

1. Product Identifier or Name:

2. Pictogram Hazard Symbols in Red Diamonds: Indicates what type of risk physical/chemical, health, or environmental.

3. Signal Word: Indicates relative level of hazard. "DANGER" is used for most severe instances; "WARNING" is less severe.

5. Hazard Statement: Describes the nature of the hazard(s) of a chemical and often the degree of the hazard.

6. Manufacturer Information: Company name, address, and phone number.

4. Precautionary Statement: Indicates recommended measures to be taken to minimize or prevent adverse effects from exposure to a hazardous chemical.

GHS Pre-Printed Hazard Symbols

Nine hazard pictograms available on cards are in compliance with the GHS standard. Labels are vinyl material for indoor or outdoor use. Available in four size options:

- 0.63" with 36 labels per card
- 1.00" with 16 labels per card
- 2.00" with 4 labels per card
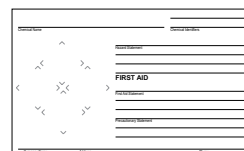- 4.00" with 2 labels per card

Hazard Pictogram	Part Number Size 0.63"	Part Number Size 1.00"	Part Number Size 2.00"	Part Number Size 4.00"
Exploding Bomb	PVS0606GEX	PVS0101GEX	PVS0202GEX	PVS0404GEX
Gas Cylinder	PVS0606GGP	PVS0101GGP	PVS0202GGP	PVS0404GGP
Flame Over Circle	PVS0606GOX	PVS0101GOX	PVS0202GOX	PVS0404GOX
Flame	PVS0606GF	PVS0101GF	PVS0202GF	PVS0404GF
Corrosion	PVS0606GC	PVS0101GC	PVS0202GC	PVS0404GC
Skull and Crossbones	PVS0606GST	PVS0101GST	PVS0202GST	PVS0404GST
Exclamation Mark	PVS0606GAT	PVS0101GAT	PVS0202GAT	PVS0404GAT
Health Danger	PVS0606GHD	PVS0101GHD	PVS0202GHD	PVS0404GHD
Environmental	PVS0606GE	PVS0101GE	PVS0202GE	PVS0404GE

Write-On GHS Tags and Signs

Write-on tags and signs allow for quick and easy labeling for compliance with the new GHS requirements. GHS tags and signs are for use with PVS006006G* Pictogram Labels (sold separately).

Vinyl Tag
5.75"H x 3.00"W
PVT-GHS-Q

Vinyl Sign
3.00"H x 5.00"W
PVS0305GHS

*Custom Printed GHS Labels are also available. Please visit www.panduit.com/ghs for more information.
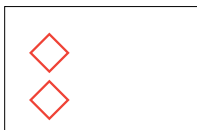
GHS Print On-Demand Thermal Transfer Labels

Print from the Safety Ease™ GHS Labeling Software or Easy-Mark™ Labeling Software directly to die cut polyester labels that match the formats in the software. Labels feature 1, 2, 3, or 4 red pre-printed diamonds for one-pass printing of the two-color GHS labels; 250 labels per roll.
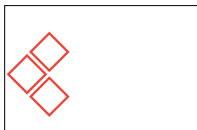
1 Diamond Thermal Transfer Labels

Part Number	Size
C400X200YPT-G1	2.50" x 4.00"
C400X400YPT-G1	4.00" x 4.00"
C400X600YPT-G1	4.00" x 6.00"

2 Diamond Thermal Transfer Labels
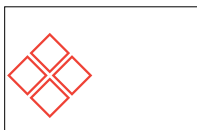
Part Number	Size
C400X200YPT-G2	2.50" x 4.00"
C400X400YPT-G2	4.00" x 4.00"
C400X600YPT-G2	4.00" x 6.00"

3 Diamond Thermal Transfer Labels

Part Number	Size
C400X200YPT-G3	2.50" x 4.00"
C400X400YPT-G3	4.00" x 4.00"
C400X600YPT-G3	4.00" x 6.00"

4 Diamond Thermal Transfer Labels

Part Number	Size
C400X200YPT-G4	2.50" x 4.00"
C400X400YPT-G4	4.00" x 4.00"
C400X600YPT-G4	4.00" x 6.00"

Safety Ease™ Printable Media for Ink Jet and Laser Printers

Print from the Safety Ease™ GHS Labeling Software directly to die cut adhesive sheets that match the formats in the software.

Part Number	Part Description	Signs Per Sheet	Sign Size				Std. Pkg. Qty.
			Height		Width		
			In.	mm	In.	mm	
8.50"W x 11.00"H Adhesive Sheets for Use with Ink Jet Printers							
SEZ0811I	Polyester ink jet permanent adhesive.	1	8.50	215.9	11.00	279.4	25
SEZ0810I		1	8.00	203.2	10.00	254.0	25
SEZ0508I		2	5.00	127.0	8.00	203.2	25
SEZ0405I		4	4.00	101.6	5.00	127.0	25
SEZ0204I		8	2.50	63.5	4.00	101.6	25
8.50"W x 11.00"H Adhesive Sheets for Use with Laser Printers							
SEZ0811L	Polyester laser permanent adhesive.	1	8.50	215.9	11.00	279.4	25
SEZ0810L		1	8.00	203.2	10.00	254.0	25
SEZ0508L		2	5.00	127.0	8.00	203.2	25
SEZ0405L		4	4.00	101.6	5.00	127.0	25
SEZ0204L		8	2.50	63.5	4.00	101.6	25

Software and Printers

Safety Ease™ GHS Labeling Software

Quick and easy creation of signs, labels, and tags that comply with OSHA's new GHS workplace safety regulations using Panduit's Safety Ease™ GHS Labeling Software. In addition to label printing, you can also manage Safety Data Sheets, Chemical Data, and GHS Labels all from one place using Safety Ease™ GHS Program Software.

See the Safety Ease GHS Labeling Software video available at www.panduit.com/ghs

Labeling Software CD
SEZ-GHS-CD

TDP43ME Thermal Transfer Printer

The TDP43ME desktop printer, designed to work with Panduit's Safety Ease™ GHS Labeling Software and Easy-Mark™ Labeling Software, quickly creates high quality printed identification for GHS labeling applications.

Thermal Transfer Printer
TDP43ME

GHS Hazard Communication Training Kit

Panduit GHS Hazard Communication Training Kit provides instruction on OSHA 1910.1200 Hazard Communication Standard, including changes related to Globally Harmonized System for the Classification of Hazardous Chemicals (GHS). Included is a seventy minute video with instructor led training on setting up a Hazard Communication Program and understanding the new labeling and safety data sheet requirements. The Companion CD provided consists of PowerPoint slides, PDF files of the quiz, training record, and certificate of completion.

Training Aid Poster 18.00"W x 24.00"H PSL-GHSPOSTE

Wallet Card 3.75"W x 2.12"H PSL-GHSWALLETE

Side 1

Side 2

Part Number	Contents		Std. Pkg. Qty.
PSL-GHS-TRAIN	1	Panduit GHS Hazard Communication Training DVD	1
	1	Panduit GHS Hazard Communication Training Companion CD	
	1	Leaders Guide	
	1	PSL-GHS-TRAINH Participant Handbook	
	1	Participant Quiz	
	1	Participant Quiz Answers	
	1	Training Record	
	4	4" x 6" Acetone GHS label sample	
	1	PSL-GHSPOSTE GHS Training Poster	
	25	PSL-GHSWALLETE GHS Training Wallet Cards	
PSL-GHS-TRAINH		Participant Handbooks	15

Station and Binders

Right to Know Compliance Center with backboard and wire rack conveniently stores Safety Data Sheet (SDS) binders in a highly visible manner to provide easy access of required information for a safe workplace to all employees.

Compliance Center Station Includes One Inch Binder PSL-GHSSTATIONE

Safety Data Sheet (SDS) 1.00" Binder PSL-GHSBINDE1

Safety Data Sheet (SDS) 3.00" Binder PSL-GHSBINDE3

GHS Safety Services

Panduit offers a full suite of services to provide professional assistance with establishing a Hazard Communication program that complies with the new GHS requirements. Our service offering includes:

- **Program development** – Panduit can create a hazard communication program individually tailored to your facility that will meet the new GHS standard
- **Training** – Panduit offers numerous training options including personalized GHS training that is specifically designed for your facility, training can be conducted onsite or remotely
- **Hazardous Exposure Testing** – Certified Industrial Hygienists (CIH) from Panduit can perform air quality sampling to determine employee exposure for hazardous chemicals
- **Hazard Category Determination** – Panduit can review hazardous chemicals at your facility and provide hazard categories
- **Label Update Service** – We can update your chemical container labels to assure they contain all of the required information in OSHA's new GHS standard

Getting Started

If you are interested in GHS Safety Services or would like a budgetary quotation, visit www.panduit.com/ghs, contact your Panduit sales representative, or email services_NA@panduit.com.

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

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