



Classification, Labelling and Packaging Solutions

Education. Training. Labelling. Organisation. Compliance

All Chemicals Labelled?

CLP is a mandatory European Union regulation which requires, amongst other obligations, the clear identification of products containing dangerous chemicals. The EU's CLP regulation is based on the United Nation's Globally Harmonised System for chemical substances and, from June 2015 onwards, compliance to CLP is required for dangerous chemicals and mixtures in all EU member states. Every substance listed as dangerous, and every mix containing one of these dangerous substances, also needs to carry a CLP label as of June 2015.



What is CLP

Classification, Labelling and Packaging (CLP) of substances and mixtures is the EU Regulation 1272/2008 which is an EU-wide system for classifying and labelling chemicals. The system adopts the United Nations' Globally Harmonised System, or GHS.

- The GHS/CLP symbols were introduced in the EU on the basis of the CLP/GHS regulation (Classification, Labelling and Packaging) in January 2009.
- GHS/CLP replaces the HSID labelling: The orange coloured hazardous materials pictograms used until now are being replaced with new diamond-shaped pictograms on a white background with a red border. The current R+S Statements will be replaced by H+P Statements (+ EUH Statements). In the EU, it has been required since 01.12.2010 to label chemical substances in accordance with the regulation. As from 01.06.2015 this requirement also applies to chemical mixtures. In the CLP/GHS the signal words "Danger" and "Warning" must be used, in accordance with the substance.



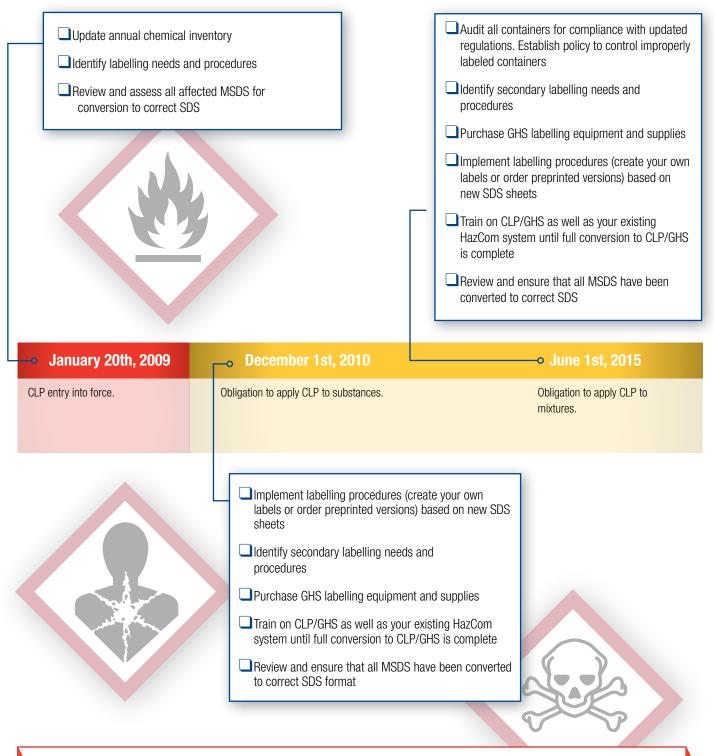
Why does GHS matter?

Chemical import/export means big business

Globally, the production and use of chemicals is a more than 1.5 trillion € per year enterprise (340€ billion in the U.S. alone). Chemical labelling has appeared differently based on different regional requirements. With such an impact on the world economy, it's critical that the import and export of chemicals be made as safe and efficient as possible.

The GHS standard globally helps keep workers safe and informed of chemical hazards.

Compliance Timeline and Checklist

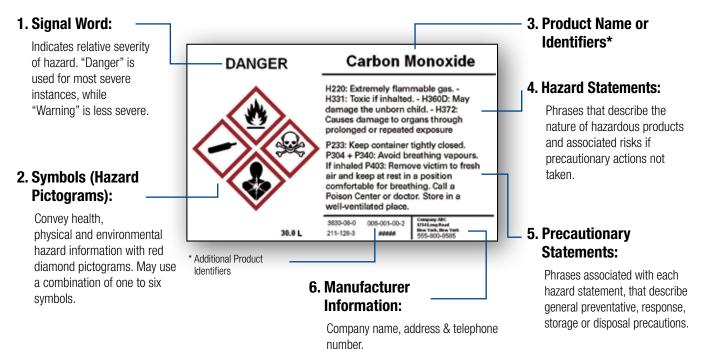


Note any new hazards identified on SDS and potential Personal Protection Equipment (PPE) changes. As new chemicals are brought into your facility, new hazard and PPE needs may be created.

Ensure your written HazCom program is updated and reflects all internal and external changes.

Label Format and SDS Elements

6 Label Elements



16 Elements of Safety Data Sheets

Safety data sheets (SDS) are the main tool for ensuring that suppliers communicate enough information along the supply chain to allow safe use of their substances and mixtures.

Each SDS is required to be presented in a consistent format, including the following sections

- Section 1: Identification Chemical and recommended uses, and supplier contact information.
- Section 2: Hazard(s) Identification Hazards of chemical and the appropriate warning information.
- Section 3: Composition/Information of Ingredients Ingredients contained in the products.
- Section 4: First-Aid Measures Initial care that should be given by an untrained responder to an individual exposed to a chemical.
- Section 5: Fire-Fighting Measures Recommendations for fighting a fire caused by the chemical.
- Section 6: Accidental Release Measures Appropriate response to spills, leaks or releases, including containment and cleanup practices.

- Section 7: Handling and Storage Safe handling practices and conditions for safe storage of chemicals.
- Section 8: Exposure Controls/Personal Protection Exposure limits, engineering controls and personal protective measures to minimize worker exposure.
- Section 9: Physical and Chemical Properties Physical and chemical properties associated with the substance or mixture.
- Section 10: Stability and Reactivity Reactivity hazards and stability information.
- Section 11: Toxicology Information Toxicological and health effects information or indicates such data is unavailable.

- Section 12: Ecological Information Environmental impact of the chemical(s) if it were released to the environment.
- Section 13: Disposal Considerations Proper disposal practices, recycling or reclamation and safe handling practices.
- Section 14: Transport Information Classification information for shipping and transporting.
- Section 15: Regulatory Information Safety, health and environmental regulations specific for the product that is not indicated anywhere else on the SDS.
- Section 16: Other Information When the SDS was prepared or when the last known revision was made.

CLP/GHS Pictogram Symbols and Hazard Classes

The new CLP/GHS symbols, also known as hazard pictograms, each serve a special purpose and are used to identify hazardous products. The pictogram symbols are commonly broken down into three hazard classes: Chemical/Physical Risk, Health Risk and Environmental Risk.

GHS05

Corrosive

(Corrosion Pictogram)

- Identifies chemicals with the following hazards:
- Skin corrosion/burns
- Eye damage
- Corrosive metals



GHS04

Gas Cylinder (Cylinder Pictogram)

Identifies chemicals with the following hazards:

Gasses under pressure



GHS03

Oxidizing (Flame Over Circle Pictogram)

Identifies chemicals with the following hazards:

Oxidizers







GHS02

Flame

(Flame Pictogram)

Identifies chemicals with the following hazards:

- Flammables
- Pyrophorics
- Self-heating
- Emits flammable gas
- Self-reactives
- Organic peroxides



Pictogram)

with the following hazards:



GHS07

Acute Toxic (Exclamation Mark Pictogram)

Identifies chemicals with the following hazards:

- Irritant (skin & eye)
- Skin sensitizer
- Acute toxicity (harmful)*
- Narcotic effects
- Respiratory tract infection
- Hazardous ozone layer (non mandatory)
- * GHS severe toxicity symbol is used for fatal and severe toxicity.

GHS08

Health Hazard

(Health Hazard Pictogram)

Identifies chemicals with the following hazards:

- Carcinogen
- Mutagenicity
- Reproductive toxicity
- Respiratory sensitizer
- Target organ toxicity
- Aspiration toxicity

GHS06

Severe Toxic (Skull & Cross Bones

Pictogram)

Identifies chemicals with the following hazards:

- Acute toxicity (fatal or toxic)*
- * GHS Acute Toxic symbol is used for less severe toxicity.



GHS09

Environmental

(Environment Pictogram)

Identifies chemicals with the following hazards:

Aquatic toxicity



GHS01

Explosive (Exploding Bomb

Identifies chemicals

- **Explosives**
- Self-reactives
- Organic peroxides

Do-It-Yourself Labelling Solutions

BBP[™]31 Sign and Label Printer

Blank GHS Diamond Labels for the BBP[™]31 Label Printer

Pre-printed, pre-cut CLP/GHS labels for BBP[™]31 Sign and Label Printer allow you to create two-colour CLP/GHS labels in one print pass. All you need are the supplies below and the latest version of our MarkWare[™] software.

- Blank labels with pre-printed red diamonds for two-colour CLP/GHS labels in one print pass
- Three label sizes, each with six diamond layouts, match templates in MarkWare[™] software
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals and handling



BBP™31 Printer

Art. No.	Order Reference	Description	
710731	BBP™31 QWERTY UK PRINTER	BBP31 Sign and Label Printer - 240 V	
710737	BBP™31 QWERTY EU PRINTER	BBP31 Sign and Label Printer - 220 V	
710738	BBP™31 QWERTZ PRINTER	BBP31 Sign and Label Printer - 220 V	
710739	BBP™31 AZERTY PRINTER	BBP31 Sign and Label Printer - 220 V	
710740	BBP™31 CYRILLIC PRINTER	BBP31 Sign and Label Printer - 220 V	

* BBP31 Sign & Label Printer ships with product CD, LAN Network Card, printer, power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide.

BBP™31 Printer Kits

Art. No.	Order Reference	Description
710736	BBP™31 QWERTY UK PRINTER + MW	BBP31 Sign and Label Printer - 240V with MarkWare Signmaking Software
710732	BBP™31 QWERTY EU PRINTER + MW	BBP31 Sign and Label Printer - 220V with MarkWare Signmaking Software
710733	BBP™31 QWERTZ PRINTER + MW	BBP31 Sign and Label Printer - 220V with MarkWare Signmaking Software
710734	BBP™31 AZERTY PRINTER + MW	BBP31 Sign and Label Printer - 220V with MarkWare Signmaking Software
710735	BBP™31 CYRILLIC PRINTER + MW	BBP31 Sign and Label Printer - 220V with MarkWare Signmaking Software

Fits Printer Model(s)	Diagram		Order Reference	Label Width A mm	Label Height B mm	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31, BBP33		L1 Diamond + Text	B30-260-7569-CLP1	55	85	1	340	B30-R10000
BBP31, BBP33	\diamond	L1 Diamond + Text	B30-261-7569-CLP1	75	110	1	270	B30-R10000
BBP31, BBP33		L1 Diamond + Text	B30-262-7569-CLP1	105	155	1	200	B30-R10000
BBP31, BBP33		L2 Diamond + Text	B30-260-7569-CLP2	55	85	1	340	B30-R10000
BBP31, BBP33		L2 Diamond + Text	B30-261-7569-CLP2	75	110	1	270	B30-R10000
BBP31, BBP33		L2 Diamond + Text	B30-262-7569-CLP2	105	155	1	200	B30-R10000
BBP31, BBP33		L3A Diamond + Text	B30-260-7569-CLP3A	55	85	1	340	B30-R10000
BBP31, BBP33		L3A Diamond + Text	B30-261-7569-CLP3A	75	110	1	270	B30-R10000
BBP31, BBP33		L3A Diamond + Text	B30-262-7569-CLP3A	105	155	1	200	B30-R10000
BBP31, BBP33		L3B Diamond + Text	B30-260-7569-CLP3B	55	85	1	340	B30-R10000
BBP31, BBP33		L3B Diamond + Text	B30-261-7569-CLP3B	75	110	1	270	B30-R10000
BBP31, BBP33		L3B Diamond + Text	B30-262-7569-CLP3B	105	155	1	200	B30-R10000
BBP31, BBP33		L4A Diamond + Text	B30-260-7569-CLP4A	55	85	1	340	B30-R10000
BBP31, BBP33		L4A Diamond + Text	B30-261-7569-CLP4A	75	110	1	270	B30-R10000
BBP31, BBP33		L4A Diamond + Text	B30-262-7569-CLP4A	105	155	1	200	B30-R10000
BBP31, BBP33		L4B Diamond + Text	B30-260-7569-CLP4B	55	85	1	340	B30-R10000
BBP31, BBP33		L4B Diamond + Text	B30-261-7569-CLP4B	75	110	1	270	B30-R10000
BBP31, BBP33	1, BBP33		B30-262-7569-CLP4B	105	155	1	200	B30-R10000

Do-It-Yourself Labelling Solutions

GlobalMark[™]2 Sign and Label Printer

Comply with CLP/GHS labelling standards using fewer supplies with the latest version of Brady's MarkWare[™] software, coupled with the GlobalMark[™]2 printer. Two print-passes produce the required two-colour label, and the four supply parts below can produce all 18 different formats.

- Colour & Cut Model cuts characters and shapes
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals and handling

* Printer includes keyboard, power cord, cleaning kit, USB cable, MarkWare Software, Stylus, Printer Driver CD.



GlobalMark[™] Multicolour + MarkWare

Art. No.	Description
250338	GlobalMark Multicolour English (UK) + MarkWare
250339	GlobalMark Multicolour German + MarkWare
250340	GlobalMark Multicolour French (AZERTY keyboard) + MarkWare
250341	GlobalMark Multicolour Dutch (QWERTY keyboard) + MarkWare
250342	GlobalMark Multicolour Dutch (B) (AZERTY keyboard) + MarkWare
250343	GlobalMark Multicolour Spanish + MarkWare
250344	GlobalMark Multicolour Italian + MarkWare
250345	GlobalMark Multicolour Portuguese + MarkWare
250346	GlobalMark Multicolour Swedish + MarkWare
250347	GlobalMark Multicolour Finnish + MarkWare
250348	GlobalMark Multicolour Norwegian + MarkWare
250349	GlobalMark Multicolour Danish + MarkWare
250350	GlobalMark Multicolour English - Export 110 V + MarkWare
250351	GlobalMark Multicolour English - Export 220 V + MarkWare

GlobalMark[™] Colour & Cut + MarkWare

Art. No.	Description
250352	GlobalMark Colour & Cut English (UK) + MarkWare
250353	GlobalMark Colour & Cut German + MarkWare
250354	GlobalMark Colour & Cut French (AZERTY keyboard) + MarkWare
250355	GlobalMark Colour & Cut Dutch (QWERTY keyboard) + MarkWare
250356	GlobalMark Colour & Cut Dutch (B) (AZERTY keyboard) + MarkWare
250357	GlobalMark Colour & Cut Spanish + MarkWare
250358	GlobalMark Colour & Cut Italian + MarkWare
250359	GlobalMark Colour & Cut Portuguese + MarkWare
250360	GlobalMark Colour & Cut Swedish + MarkWare
250361	GlobalMark Colour & Cut Finnish + MarkWare
250362	GlobalMark Colour & Cut Norwegian + MarkWare
250363	GlobalMark Colour & Cut Danish + MarkWare™
250364	GlobalMark Colour & Cut English - Export 110 V + MarkWare
250365	GlobalMark Colour & Cut English - Export 220 V + MarkWare

Art. No.	Description	Colour	Label Width A mm	Label Height B mm	Labels Per Roll	Rec. Ribbon
113109	B-595 White label roll	White	101.6	30.5m	1 roll (cont.)	105 mm Black/Red Ribbon
113110	B-595 White label roll	White	76.2	30.5m	1 roll (cont.)	105 mm Black/Red Ribbon
113111	B-595 White label roll	White	57.2	30.5m	1 roll (cont.)	105 mm Black/Red Ribbon
076763	Black/Red Paneled Ribbon	Black/Red	Two Colour Panel Ribbon 105	5mm wide, 200mm Long Panels		

Do-It-Yourself Labelling Solutions

BBP[™]85 Sign and Label Printer

Create highly-visible signs and labels with the BBP[™]85 printer. With MarkWare[™] software and easy walk-up printing, this user-friendly, large-format printer allows you to print materials from 100 mm to 254 mm wide in up to four colours.

- Blank labels with pre-printed red diamonds save time during label design
- Six diamond layouts available in two sizes each
- Indoor/outdoor vinyl can withstand moisture, chemicals and handling



Art. No.	Description	
711190	BBP™85 QWERTZ PRINTER + MarkWare	
711191	BBP™85 CYRILLIC PRINTER + MarkWare	
711192	BBP™85 AZERTY PRINTER + MarkWare	
711193	BBP™85 QWERTY EU PRINTER + MarkWare	
711194	BBP™85 QWERTY UK PRINTER + MarkWare	

* Printer ships with documentation CD, printer driver CD, power cord, USB cord, quick start guide, cleaning kit, MarkWare Software, LAN Network Card.

Art. No.		Legend	Order Reference	Label Height A mm	Label Width B mm	Labels Per Row	Labels Per Roll	Rec. Ribbon
130766		L1 Diamond + Text	B85-105x155-7569-CLP1	105	155	1	90	B85-R-158x60-BK
130772		L1 Diamond + Text	B85-155x210-7569-CLP1	155	210	1	70	B85-R-158x60-BK
130767		L2 Diamond + Text	B85-105x155-7569-CLP2	105	155	1	90	B85-R-158x60-BK
130773		L2 Diamond + Text	B85-155x210-7569-CLP2	155	210	1	70	B85-R-158x60-BK
130768	\bigcirc	L3A Diamond + Text	B85-105x155-7569-CLP3A	105	155	1	90	B85-R-158x60-BK
130774	\sim	L3A Diamond + Text	B85-155x210-7569-CLP3A	155	210	1	70	B85-R-158x60-BK
130769		L3B Diamond + Text	B85-105x155-7569-CLP3B	105	155	1	90	B85-R-158x60-BK
130775		L3B Diamond + Text	B85-155x210-7569-CLP3B	155	210	1	70	B85-R-158x60-BK
130770		L4A Diamond + Text	B85-105x155-7569-CLP4A	105	155	1	90	B85-R-158x60-BK
130776	$\bigcirc \bigcirc \bigcirc \bigcirc$	L4A Diamond + Text	B85-155x210-7569-CLP4A	155	210	1	70	B85-R-158x60-BK
130771		L4B Diamond + Text	B85-105x155-7569-CLP4B	105	155	1	90	B85-R-158x60-BK
130777		L4B Diamond + Text	B85-155x210-7569-CLP4B	155	210	1	70	B85-R-158x60-BK

MarkWare[™] Label Making Software

Brady's MarkWare[™] label-making software is a simple solution for do-it-yourself signs, labels and tags. With MarkWare you can easily create and print your own customised labels for your facility – all while saving time and money.

- 18 pre-formatted label layouts and approved CLP/GHS symbols no set up needed
- Pre-worded hazard statements and CLP/GHS symbols that automatically populate into label layouts (in multiple languages) – no typing needed
- Contains templates for BBP[™]31/BBP[™]33, GlobalMark[™]2, BBP[™]85 printers and Minimark[™].



 Art. No.
 Description

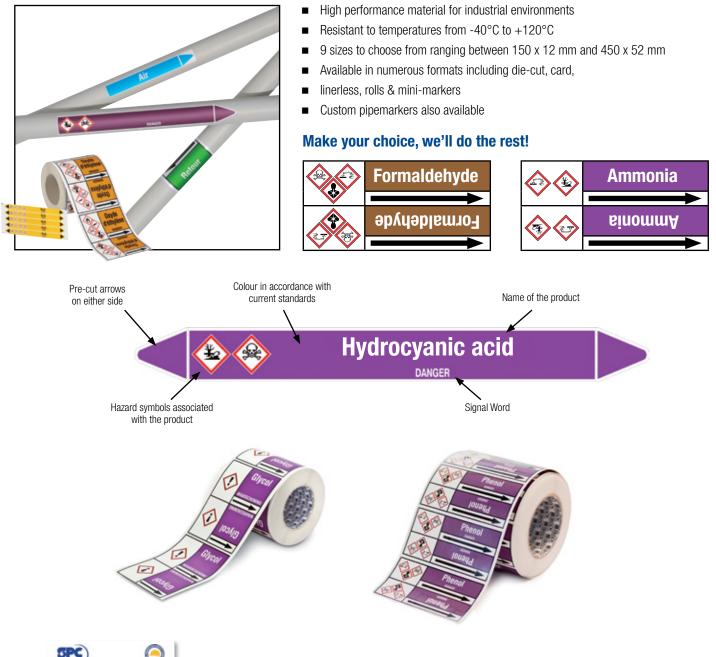
 710669
 MarkWare - EUR

 710670
 MarkWare Upgrade V 3.9

MarkWare[™] label-making software is needed to create GHS labels in BBP[™]31/33, GlobalMark[™]2, BBP[™]85 printers and Minimark[™].

Pipemarker Solutions

Choose your pipemarker from the widest range available! Brady has developed new pipemarkers in accordance with CLP/GHS regulations.





SPC – Sorbent Products

Your partner in helping your business guard against the leaks, drips and spills that create safety and environmental hazards in the workplace with quality sorbent products.

Contact your Brady Distributor to receive a copy of the SPC catalogue

Pre-Printed Sign & Label Solutions

Pre-Printed Labels with CLP/GHS Symbols

Brady has a wide range of pre-printed labels to identify your chemical containers.

- High quality labels that can withstand the toughest environments
- Ultra-durable materials mean you only need to label products once in their lifetime
- Extremely weather, abrasion and chemical resistant
- Labels can withstand temperatures of -40 °C to +120 °C

Various sizes available

On roll

50 x 50 mm

	More sizes available
100 x 100 mm	on request.



Width x Height	Layout	GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
					\diamondsuit					
50 x 50 mm	Continous Roll	PIC 1801 811681	PIC 1802 811686	PIC 1803 811691	PIC 1804 811696	PIC 1808 811716	PIC 1809 811721	PIC 1805 811701	PIC 1807 811711	PIC 1806 811706
50 x 50 mm	Individual Markers on a Roll	814032	814033	814034	814035	814039	814040	814036	814038	814037
100 x 100 mm	Continous Roll	814023	814024	814025	814026	814030	814031	814027	814029	814028
100 x 100 mm	Individual Markers on a Roll	811679	811684	811689	811694	811714	811719	811699	811709	811704

We have a CLP Poster available to use at your premises.

Contact your distributor to receive a copy.



Brady - your complete work safety solution provider

Find out more safety products from our extensive portfolio. Visit www.bradyeurope.com or contact your nearest Brady Distributor.













Lockout/Tagout -Effective control of hazardous energy

From audit and identification of energy control points, through procedure creation and the selection of adequate products, up to employee training and safety awareness promotion – Brady offers full support and and a broad range of products to create your advanced work safety environment.

Safety Signs -Important information at the point of need

We offer more than 8,000 different signs for safety, maintenance and facility identification.

- Designed to withstand even the harshest industrial environments
- Bright colours, bold text and intuitive pictograms
- Compliant with the latest standards and regulations
- Highly visible and easy to understand communication

Pipe Markers -Easily identify pipe content and flow direction

The correct identification of pipes ensures a better insight into a building's structure. Accidents, injuries and damage can be prevented.

Sorbents -Smart spill control

Clean, fast and safe removal of oil, water and chemicals spills.

- · Adsorbs 10-25 times its own weight within a few seconds
- · Environmentally friendly
- · Spend less time cleaning

Area and Logistics Marking

Creating a totally safe work environment requires several elements, clear signage and area marking is essential but is not sufficient by itself. Brady offers a complete range of additional marking methods with a variety of applications including:

- Floor marking
- · Barricade and underground tapes
- Logistics and warehouse labelling
- Photoluminescent marking
- Stands and posts
- Safety Bumpers

Brady Corporation

Our mission is To Identify and Protect Premises, Products and People



Company Overview

BRADY was founded in 1914 in Eau Claire, Wisconsin, as W.H. BRADY Co., and renamed BRADY Corporation in 1998. The company began selling products internationally in 1947. In 1984, BRADY went public, with stock trading on the Nasdaq Stock Market, and in 1999, moved trading of its stock to the New York Stock Exchange, where it trades under the symbol BRC. The company's global headquarters is in Milwaukee, Wisconsin.

Brady manufactures and markets:

- products for identification and safety applications such as signs and markers, and printing systems and software to produce identification products on site and on demand.
- products for wire identification, including labelling materials and tools for wire and cable marking in the electrical and telecommunication markets
- high-performance identification products, including labels and signs that remain legible and highly adhesive even in harsh environments
- identify people and enhance security by ensuring the right persons are in the right places at the right time

Operations – Some facts:

- 6500 employees around the world
- Operations in 29 countries
- Distribution in more than 100 countries through more than 4,400 distributor partners

BRADY. WHEN PERFORMANCE MATTERS MOST

BRADY Africa

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Your distributor

BRADY WORLDWIDE

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Canada	1-800-263-6179
China (Beijing)	86-10-6788-7799
China (Shanghai)	86-21-6886-3666
China (Wuxi)	86-510-528-2222
Hong Kong	
Japan	81-45-461-3600
Korea	82-31-451-6600
Latin America	1-414-540-5560
Malaysia	60-4-646-2700
Mexico	525-399-6963
New Zealand	61-2-8717-2200
Philippines	63-2-658-2077
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Taiwan	
Thailand	
USA	1-800-537-8791

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www.bradyeurope.com