

e-Commerce and the DG Regulations

**Mailers Technical Advisory Committee
June 13, 2018
L'Gena Shaffer**



Council on Safe Transportation of Hazardous Articles

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Council on Safe Transportation of Hazardous Articles

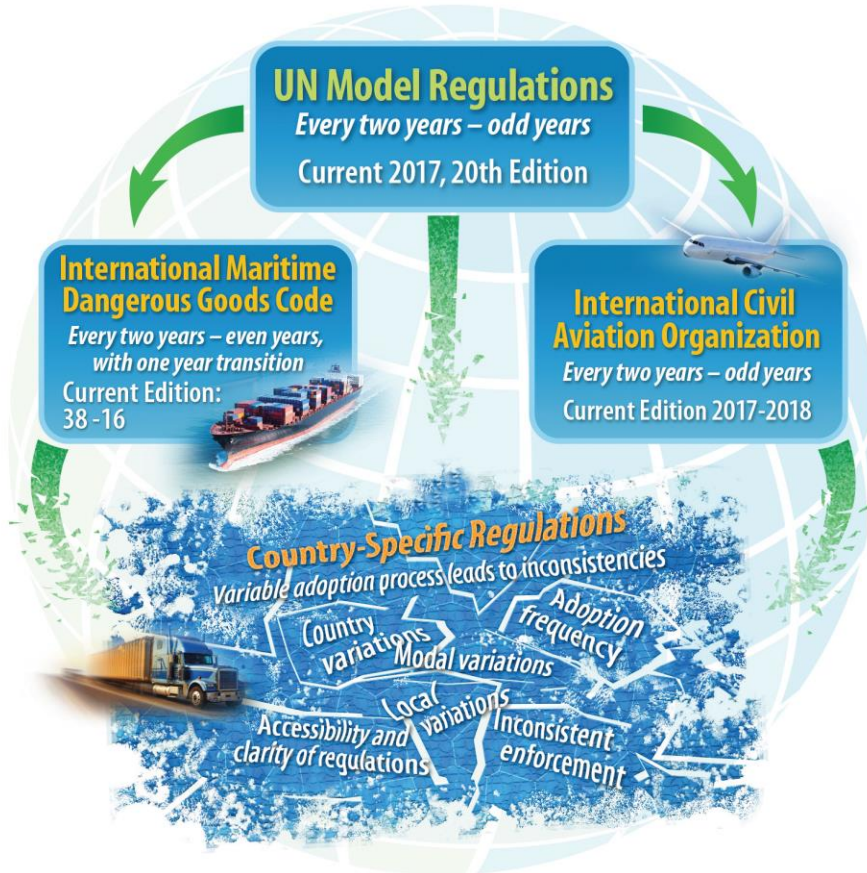
About COSTHA

- Over 170 member companies
- Very Diverse
- Many global shippers, some private carriers
- American Trucking Associations
- Air Carrier Roundtable (18 airlines)



What we do and Why

Council on Safe Transportation of Hazardous Articles



International vs Domestic

UN SCOE on Transport of DG / UN Battery Working Group

International Maritime Organization (IMO)

RID/ADR/Joint Meeting (49 Countries are Signatories)

US DOT / China MOT Transportation Forum

USPS MTAC

Mexico

Transport Canada

- Transportation of Dangerous Goods General Policy Advisory Council (GPAC)
- Multi-Association Committee on the Transport of Dangerous Goods (MACTDG) (Canada)
- US - Canada Regulatory Cooperation Council (RCC)



Members

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3M Company
Abbott Diagnostics
Agility Logistics Solutions, Inc
Air Canada
Air Sea Containers Ltd.
Air Transport International, Inc.
Airgas Inc., an Air Liquide Company
Airlines for America
AK Scientific
AkzoNobel Paint & Coatings
Alaska Airlines & Horizon Air
Amazon.com
American Airlines
American Honda Motor Co., Inc.
American Trucking Associations, Inc.
Americase, Inc.
Amway Corporation
Apple Inc.
ARC Automotive Inc.
Arcadis
Atlas Air
Autoliv ASP, Inc.
Aviall Services, a Boeing Company

B&H Photo
BMW of North America, LLC
Boeing Company
Brewer Science, Inc.
Bristol-Myers Squibb
Calgon Carbon Corporation
Cargo Training International
Cavalier Logistics
Cell Block Fire Containment Systems
ChemTel, Inc.
CHEMTREC
Clorox Company
Complete Compliance Solutions LLC
Concepta DG Compliance Ltda.
Coordinating Comm. For
Automotive Repair (CCAR)
Covance Central Laboratory
Cyclo Industries, Inc.
Daicel
Dangerous Goods, a Division of
Berlin Packaging
Deere & Company, Inc.
Dell Technologies
Delphi Automotive Systems, LLC

Delta Air Lines
Delta Material Services (DMS)
DG Declaration
DGI Training, Inc.
DGM Support (North America)
DHL Express
Diversey, Inc.
Edgewell Personal Care
Eli Lilly and Company
Energizer Holdings, Inc.
Entegris, Inc.
Environmental Resource Center
Envoy Air Inc.
Epiroc Drilling Solutions LLC
Exis Technologies
Expeditors International of
Washington, Inc.
ExpressJet Airlines
FCA US LLC - Mopar
FedEx Express
FedEx Ground
Ford Motor Company
Genentech, Inc.
General Motors Company



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Members

GEODIS
gh Testing
GlaxoSmithKline
Hazmat Safety Consulting LLC
HAZMATPAC, Inc.
HAZPlus - a division of C.L. Smith
Hewlett-Packard
Honda North America, Inc.
Honeywell International
ICC The Compliance Center, Inc.
IFF / Ottens Flavors
Industrial Packaging Alliance of N.A.
Inmark Packaging, Inc.
Institute of Hazardous Materials Management (IHMM)
Institute of Makers of Explosives (IME)
International Air Transport Assoc (IATA)
ITW Chemtronics
IVODGA
J.J. Keller & Associates, Inc.
J.S. Helwig & Son LLC
JAS Forwarding (USA), Inc.
JetBlue Airways
Johnson & Johnson
Joyson Safety Systems
Kabushikikaisha AYE
Kao USA, Inc.
Labeline International Ltd.
Labelmaster
Lighter Association, Inc.

Lonza, Inc.
L'Oreal USA Products, Inc.
Mallinckrodt Pharmaceuticals
Mary Kay Inc.
Mercedes Benz USA, LLC
Merck and Co.
Millipore Sigma
Mitsubishi Motors NA
Mobis Parts America, LLC
Modobag, Inc.
Motion Industries
MSC Industrial Direct
National Tank Truck Carriers
NeuraLabel
Nissan North America, Inc.
Nissin International Transport
Nobel Trading Limited
Northern Air Cargo, Inc.
Novartis Pharmaceuticals
Pacific Scientific Energetic Materials
Pfizer Inc.
PHI, Inc.
Procter & Gamble
Pro-Pack Testing Laboratory, Inc.
Purolator International
RB LLC (Reckitt Benckiser)
REACH24H USA, Inc.
Reusable Industrial Packaging Association

Roche
Schroth Safety Products
Seastar Chemicals Inc.
Skolnik Industries, Inc.
Southwest Airlines Co.
Sporting Arms & Ammunition Manuf. Institute (SAAMI)
Stresau Laboratory, Inc.
Sun Chemical Corporation
Ten-E Packaging Services, Inc.
Thermo Fisher Scientific
Toyoda Gosei Missouri Corporation
Toyota Motor North America, Inc.
Toyota Tsusho America, Inc.
Trans-DGT Hungary International Transportation Management Group
TRQSS Canada
Unilever HPC-NA
United Airlines
UPS
US Postal Service
Vermeer
Viking Packing Specialists
Volkswagen Group of America
Wal-Mart Stores, Inc.
World Courier
Zebra Technologies Corporation
ZF TRW
Zippo Manufacturing Company
Zogenix, Inc.



Supporting Membership

Council on Safe Transportation of Hazardous Articles

COSTHA Mission:

To represent and protect the interests of COSTHA members by supporting the safe and efficient transportation of dangerous goods through global harmonization



Council on Safe Transportation of Hazardous Articles

e-commerce Working Group

Management Team

- Amazon.com
- Amway Corporation
- UPS
- Wal-Mart Stores, Inc.

Working Group Members

- 3M
- Alaska Airlines
- Apple Inc
- Aviall Services, a Boeing Company
- Dangerous Goods, A Division of Berlin Packaging
- Delta Air Lines
- ExpressJet Airlines
- FCA US LLC - Mopar
- FedEx Trade Networks
- General Motors Company
- International Air Transport Association (IATA)
- J.J. Keller & Associates, Inc.
- Labeline International Ltd
- Labelmaster
- Hazmat Safety Consulting LLC
- Lion Technology Inc.
- MSC Industrial Direct
- Procter & Gamble (P&G)
- RB LLC (Reckitt Benckiser)
- Sporting Arms & Ammunition Manuf. Institute SAAMI
- United Airlines
- U.S. Postal Service
- Viking Packing Specialists
- Zebra Technologies Corporation



e-commerce Working Group

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Scope:

Business shipments via ground of limited quantity or consumer commodities by small parcel carriers in the US. This would encompass business to business (B2B) and business to consumer (B2C).

COSTHA Mission:

Safe and efficient transportation of dangerous goods, through global harmonization



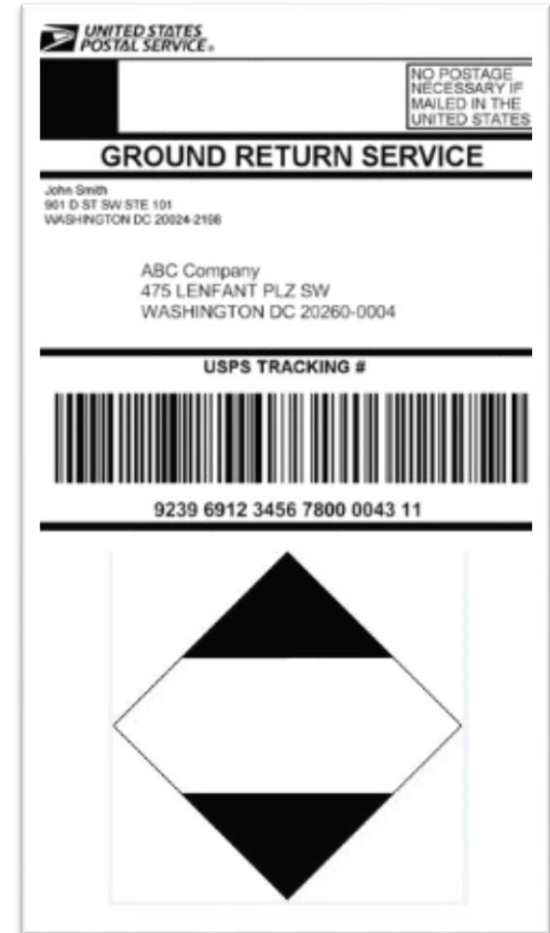
e-commerce Working Group

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Goal:

To find an automated solution for the application of limited quantity marks for e-commerce shipments (ground US).

- *Automation to eliminate human error;*
- *Add efficiencies and consistent placement of the marking;*
- *Top of the package placement will simplify the approval process; and*
- *Provide additional aide in ensuring packages intended for ground transport are not offered for air transport.*





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Next Steps

- Visibility tests – ability to recognize the limited quantity marking
- Safety evaluation / data

Future

- Special Permit request PHMSA – allow smaller LTD QTY mark on larger packages incorporated into the shipping label.



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Questions?

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