SHOPKO
my life. my style. my store.

EDI GUIDELINES

ADVANCE SHIP NOTICE / MANIFEST 856

Shipments going directly to the Stores

VERSION 4010

SHOPKO'S 856 GUIDELINES

<u>Changes since last publication:</u>

Since many of our business rules have been less than clear in previous editions, we have made every effort to better define what our business systems expect or can send as Shopko exchanges data with our trading partners. We therefore request that you review the document in its entirety and contact us with any questions that may arise as a result of your review.

Thanks
The EDI team at Shopko

SHOPKO'S 856 GUIDELINES

GLOSSARY OF TERMS

Segment:	Consists of a segment identifier, one or more data element each preceded by an element separator, and ending with a terminator (X12.6).
Seg. Use:	**Denotes if the segment is mandatory or optional for Shopko.**
Reference Description:	Identifies the segment and the data element sequence number.
Data Element Number:	This is the number assigned to the data element. This number may be used for direct reference into the ANSI X12 Data Dictionary.
Data Element Name:	This is the description assigned to the data element.

Element Usage:

M - Mandatory	**Shopko requires this element.**
O - Optional	This element can be used.
C - Conditional	The data element can be used only if other elements are used within the segment.

SHOPKO'S FUNCTIONAL ACKNOWLEDGEMENT

- For inbound transactions, Shopko sends a 997 upon receipt. The trading partner is expected to verify the receipt of the 997 within a week of transmission or otherwise contact Shopko when the 997 is missing.
- Shopko considers acknowledgment complete when the trading partner receives the AK1 and AK9 segments.

Notes about the Guideline:

This guideline was developed specifically for our trading partners shipping to our stores. This is commonly used for shipping goods that are mixed in a carton. This is also the guideline to use when placing the UCC128 label on the carton.

When shipping mixed cartons, the expectation is that the vendor will indicate the number of cartons being shipped in the TD102 at the Shipment level as well as at the Order level. Since the UCC128 label will be placed on the carton, our system 'expects' the carton UPC to be sent in the ASN at the Pack level.

Should your company use a webform or third party provider to exchange data with Shopko, it is the vendor's responsibility to work with their provider to ensure Shopko's ASN requirements are met. If there are any questions related to the data that should be keyed into a webform, the vendor must contact their provider and not Shopko EDI to resolve these questions.

SHOPKO'S 856 GUIDELINES

Envelope and Group

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
ISA	Interchange Control Header	M	1	
GS	Functional Group Header	M	1	

Header

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
ST	Transaction Set Header	M	1	
BSN	Beginning Segment for Ship Notice	M	1	

Detail - Shipment

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
	Loop ID – HL			200000
HL	Hierarchical Level	M	1	
TD1	Carrier Details (Quantity and Weight)	M	20	
TD5	Carrier Details (Routing Sequence)	M	12	
REF	Reference Numbers	M	>1	
DTM	Date/Time Reference	M	10	
	Loop ID – HL/N1			200
N1	Name	M	1	

Detail - Order

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
	Loop ID – HL			200000
HL	Hierarchical Level	M	1	
PRF	Purchase Order Reference	M	1	
TD1	Carrier Details (Quantity and Weight)	M	20	
	Loop ID – HL/N1			200
N1	Name	M	1	

Detail - Pack

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
	Loop ID – HL			200000
HL	Hierarchical Level	M	1	
MAN	Marks and Numbers	M	>1	

SHOPKO'S 856 GUIDELINES

Detail - Item

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
	Loop ID – HL			**200000**
HL	Hierarchical Level	**M**	**1**	
LIN	Item Identification	**M**	**1**	

Summary

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
CTT	Transaction Totals	**M**	**1**	
SE	Transaction Set Trailer	**M**	**1**	

Envelope and Group

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
GE	Functional Group Trailer	**M**	**1**	
IEA	Interchange Control Trailer	**M**	**1**	

SHOPKO'S 856 GUIDELINES

Segment:	**ISA - Interchange Control Header**	
Level:	**Envelope**	
Shopko Usage:	**Mandatory**	
Purpose:	To start and identify a transmission for a partner.	

Example of Segment: ISA*00*   *00*   *01*012345678   *08*6136010000
*020608*1621*U*00401*000000850*0*P*>~

Ref. Des.	Data Element	Name	Element Usage
ISA01	101	**Authorization Information Qualifier** **00** No authorization information present.	M
ISA02	102	**Authorization Information** This field will be blank.	M
ISA03	103	**Security Information Qualifier** **00** No authorization information present.	M
ISA04	104	**Security Information** This field will be blank.	M
ISA05	105	**Interchange ID Qualifier** Shopko supports all valid codes.	M
ISA06	106	**Interchange Sender ID** The value in this field depends upon the code used in the ISA05.	M
ISA07	105	**Shopko's Interchange ID Qualifier** **08**	M
ISA08	107	**Shopko's Interchange Receiver ID** **6136010000 – for Production** **6136010000T – for Test**	M
ISA09	108	**Date** The format is **YYMMDD**	M

SHOPKO'S 856 GUIDELINES

Segment: **ISA - Interchange Control Header (Continued)**
Level: **Envelope**
Shopko Usage: **Mandatory**
Purpose: To start and identify a transmission for a partner.

Example of Segment: ISA*00*   *00*   *01*012345678   *08*6136010000
*020608*1621*U*00401*000000850*0*P*>~

Ref. Des.	Data Element	Name	Element Usage
ISA10	**109**	**Time** The time that the interchange was created in vendor's system. The format is **HHMM (24 Hr.)**	**M**
ISA11	**110**	**Interchange Standards Identifier** **U** U.S. EDI community of X12	**M**
ISA12	**111**	**Interchange Version ID** **00401** Version 4010	**M**
ISA13	**112**	**Interchange Control Number** This value is sequentially assigned by the vendor starting with the number "1" for each trading partner. The value entered in this field will match the value in the Interchange Control Number field on the Interchange Control Trailer (IEA02).	**M**
ISA14	**113**	**Acknowledgment Requested** **0** No acknowledgment requested.	**M**
ISA15	**114**	**Test Indicator** **T** Test Data **P** Production Data	**M**
ISA16	**115**	**Subelement Separator** › The value identified for retail use.	**M**

SHOPKO'S 856 GUIDELINES

Segment:	GS - Functional Group Header
Level:	Group
Shopko Usage:	Mandatory
Purpose:	Indicates the beginning of a functional group and provides control information.

Example of Segment: GS*SH*012345678*6136010000*20020608*1621*850*X*004010~

Ref. Des.	Data Element	Name	Element Usage
GS01	479	**Functional ID** **SH** Ship Notice / Manifest (856)	M
GS02	142	**Application Sender's Code** This is the same code as used in the (ISA06).	M
GS03	124	**Shopko's Application Receiver's Code** **6136010000 – for Production** **6136010000T – for Test**	M
GS04	373	**Data Interchange Date** The format is **CCYYMMDD**	M
GS05	337	**Data Interchange Time** The time that the interchange was created in the vendor's system. The format is **HHMM (24 Hr.)**	M
GS06	28	**Data Interchange Control Number**	M
GS07	455	**Responsible Agency Code** **X** Accredited standards committee X12.	M
GS08	480	**Version** **004010**	M

SHOPKO'S 856 GUIDELINES

Segment:	**ST - Transaction Set Header**
Level:	**Header**
Shopko Usage:	**Mandatory**
Purpose:	To indicate the start of a transaction set and to assign a control number.

Example of Segment: ST*856*0001~

Ref. Des.	Data Element	Name	Element Usage
ST01	**143**	**Transaction Set Identifier Code** **856** This is the code that identifies the transaction as a ship notice.	**M**
ST02	**329**	**Transaction Set Control Number** This value is sequentially assigned by the trading partner. The value entered in this field will match the one in the Transaction Set Trailer Record (SE02).	**M**

SHOPKO'S 856 GUIDELINES

Segment:	**BSN - Beginning Segment for Ship Notice**
Level:	**Header**
Shopko Usage:	**Mandatory**
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set.

Example of Segment: BSN*00*661325*20020608*1355*0001~

Ref. Des.	Data Element	Name	Element Usage
BSN01	**353**	**Transaction Set Purpose Code** **00** Original	**M**
BSN02	**396**	**Shipment Identification** A unique control number assigned by the original shipper to identify a specific shipment.	**M**
BSN03	**373**	**Date** The format is **CCYYMMDD**	**M**
BSN04	**337**	**Time** The format is **HHMM (24 Hr.)**	**M**
BSN05	**1005**	**Hierarchical Structure Code** **0001** Shipment, Order, Packaging, Item Pick and Pack Structure	**M**

SHOPKO SEGMENT USAGE COMMENTS

- The number in the BS02 must be unique for each ASN sent to Shopko. Duplicate numbers will be rejected.

SHOPKO'S 856 GUIDELINES

Segment:	**HL Hierarchical Level**
Level:	**Detail - Shipment**
Loop:	**HL**
Shopko Usage:	**Mandatory**
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments

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Example of Segment: HL*1**S~

Ref. Des.	Data Element	Name	Element Usage
HL01	**628**	**Hierarchical ID Number** **A** unique number assigned by the sender to identify a particular data segment in a hierarchical structure. The value for this level (shipment) is 1.	**M**
HL03	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure **S** Shipment	**M**

SHOPKO'S 856 GUIDELINES

Segment:		**TD1 Carrier Details (Quantity and Weight)**	
Level:		**Detail - Shipment**	
Loop:		**HL**	
Shopko Usage:		**Mandatory**	
Purpose:		To specify the transportation details relative to commodity, weight, and quantity	

Example of Segment: TD1*CTN25*1****G*4*LB~

Ref. Des.	Data Element	Name	Element Usage

TD101	**103**	**Packaging Code**
		   Part 1
		BAG Bag
		CTN Carton
		   Part 2
		01 Aluminum
		25 Corrugated or Solid
		31 Fibre
		58 Metal
		76 Paper
		79 Plastic
		94 Wood
			M

TD102	**80**	**Lading Quantity** Number of packages in the shipment	**M**
TD106	**187**	**Weight Qualifier** **G** Gross Weight	**M**
TD107	**81**	**Weight** Numeric value	**C**
TD108	**355**	**Unit or Basis for Measurement Code** **LB** Pounds	**C**

SHOPKO SEGMENT USAGE COMMENTS

- The TD101 element has two 'parts' to the value. Both are required.
- Providing the total weight of the shipment is preferred. When sending the TD107 value, the TD108 value must also be sent. This is true when sending the TD108 – the TD107 value must also be sent.
- Since this particular guideline is geared toward the vendor who ships without pallets, the expectation is set that the TD101 value would be something other than PLT94 or PLT58 as these values reference the use of a pallet. If your company uses pallets and ships directly to the stores, please contact the buyer or Distribution Center for instructions as this is not typical.

SHOPKO'S 856 GUIDELINES

Segment:	**TD5 Carrier Details (Routing Sequence)**
Level:	**Detail - Shipment**
Loop:	**HL**
Shopko Usage:	**Mandatory**
Purpose:	To specify the carrier and sequence of routing

Example of Segment: TD5*B*2*UPSG*U*UPS GROUND~

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Ref. Des.	Data Element	Name	Element Usage
TD501	**133**	**Routing Sequence Code** **B** Origin/Delivery Carrier (Any Mode) **O** Origin Carrier (Air, Motor, or Ocean)	**M**
TD502	**66**	**Identification Code Qualifier** **2** Standard Carrier Alpha Code (SCAC)	**M**
TD503	**67**	**Identification Code** Code that identifies the carrier	**M**
TD504	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment **A** Air **AE** Air Express **BU** Bus **C** Consolidation **CE** Customer Pickup Customer's Expense **D** Parcel Post **E** Expedited Truck **H** Customer Pickup **L** Contract Carrier **M** Motor (Common Carrier) **R** Rail **S** Ocean **T** Best Way (Shippers Option) **U** Private Parcel Service	**M**
TD505	**387**	**Routing** Free-form description of the routing or carrier identity	**M**

SHOPKO SEGMENT USAGE COMMENTS

- If a small package carrier is used, the TD504 should contain the 'U' or Private Parcel Service code.
- A copy of the latest addition of the Directory of Standard Carrier Alpha Codes can be obtained from:
  National Motor Freight Traffic Association Inc.
  2200 Mill Road
  Alexandria, VA 22314-4654   Phone: 703 683 1810

SHOPKO'S 856 GUIDELINES

Segment:		**REF Reference Identification**	
Level:		**Detail - Shipment**	
Loop:		**HL**	
Shopko Usage:		**Mandatory**	
Purpose:		To specify identifying information	

Example of Segment: REF*BM*661325~

Ref. Des.	Data Element	Name	Element Usage
REF01	**128**	**Reference Identification Qualifier** **BM** Bill of Lading Number **CN** Carriers Reference Number (PRO/Invoice)	**M**
REF02	**127**	**Reference Identification** Number associated with ID qualifier	**M**

SHOPKO SEGMENT USAGE COMMENTS

- The Bill of Lading Number or 'BM' must be sent with each shipment except for consolidator shipments.
- The Carriers Reference Number (PRO/Invoice) is used for any small package shipments. When shipping a several small packages to the same location, the Shopko business systems 'preferred' a single ASN transmission containing the small packages. Should your company ship using this method, please reference our document **"Shipping small packages to a Store"** located on our website.

SHOPKO'S 856 GUIDELINES

Segment: **DTM Date/Time References**
Level: **Detail - Shipment**
Loop: **HL**
Shopko Usage: **Mandatory**
Purpose: To specify ship dates.

Example of Segment: DTM*011*20020608~

Ref. Des.	Data Element	Name	Element Usage
DTM01	**374**	**Date/Time Qualifier** **011 Shipped**	**M**
DTM02	**373**	**Date** Format is **CCYYMMDD**	**M**

SHOPKO'S 856 GUIDELINES

Segment:	**N1 Name**
Level:	**Detail - Shipment**
Loop:	**HL/N1**
Shopko Usage:	**Mandatory**
Purpose:	To identify a party by type of organization, name, and code

Example of Segment: N1*SF*SHIP FROM LOCATION NAME~
AND
N1*ST**92*0068~

Ref. Des.	Data Element	Name	Element Usage
N101	**98**	**Entity Identifier Code** **SF** Ship From **ST** Ship To	**M**
N102	**93**	**Name** Free-form Vendor Name	**O**
N103	**66**	**Identification Code Qualifier** **9** DUNS with 4-character suffix (Shopko's DUNS # 023232638) **92** Assigned by Shopko	**M**
N104	**67**	**Identification Code** The 4-digit number transmitted will indicate either a store or distribution center location. This is used when the N103 value = '92'. When using the DUNS value, the 4 digit number is attached at the end of the DUNS value and the N103 = '9'.	**M**

SHOPKO SEGMENT USAGE COMMENTS

- Shopko requires an N1 segment for both The Ship To information and the Ship From information at the Shipment level. This means that there will be two entries of the N1 segment at the Shipment level.
- When sending the 'SF' or 'Ship From' information in the N1 segment, Shopko requires the N101 and N102 values to be sent.
- When sending the 'ST' or 'Ship To' information in the N1 segment, Shopko requires the N101, N103 and N104 values to be sent.
- It is the responsibility of the trading partner to maintain the physical address associated to each location code as well as the relationship of each store with each of the distribution centers. The location code information is maintained on the EDI website in the document "**ShopKo Location IDs**"
- When the N103 = '9' then the N104 must be the DUNS + four digit Shopko location code
- When the N103 = '92' then the N104 must be a valid four digit Shopko location code

SHOPKO'S 856 GUIDELINES

Segment:	**HL Hierarchical Level**	
Level:	**Detail - Order**	
Loop:	**HL**	
Shopko Usage:	**Mandatory**	
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments	

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Example of Segment: HL*2*1*O~

Ref. Des.	Data Element	Name	Element Usage
HL01	**628**	**Hierarchical ID Number** The HL01 shall contain a unique number for each occurrence of the HL segment in the transaction set	**M**
HL02	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	**M**
HL03	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure **O** Order	**M**

SHOPKO'S 856 GUIDELINES

Segment: **PRF Purchase Order Reference**
Level: **Detail - Order**
Loop: **HL**
Shopko Usage: **Mandatory**
Purpose: To provide reference to a specific purchase order

Example of Segment: PRF*003456789~

Ref. Des.	Data Element	Name	Element Usage
PRF01	**324**	**Purchase Order Number** Shopko's purchase order number	**M**

SHOPKO SEGMENT USAGE COMMENTS

- The purchase order number used should be the same number that was sent on Shopko's order.
- Non-purchase order number vendors will be given special instructions for order numbers to be used.
- Please do not send free-form text in this field; i.e. Test Order and avoid sending any special symbols such as an asterisk (*) or greater than (>).

SHOPKO'S 856 GUIDELINES

Segment:	**TD1 Carrier Details (Quantity and Weight)**
Level:	**Detail - Order**
Loop:	**HL**
Shopko Usage:	**Mandatory**
Purpose:	To specify the transportation details relative to commodity, weight, and quantity

Example of Segment: TD1*CTN25*1~

Ref. Des.	Data Element	Name	Element Usage
TD101	**103**	**Packaging Code**	**M**
		Part 1	
		BAG Bag	
		CTN Carton	
		Part 2	
		01 Aluminum	
		25 Corrugated or Solid	
		31 Fibre	
		58 Metal	
		76 Paper	
		79 Plastic	
		91 Stainless Steel	
		94 Wood	
TD102	**80**	**Lading Quantity**	**M**
		Number of packages in the order	

SHOPKO SEGMENT USAGE COMMENTS
- The TD101 element has two 'parts' to the value. Both are required.

SHOPKO'S 856 GUIDELINES

Segment: **N1 Name**
Level: **Detail - Order**
Loop: **HL/N1**
Shopko Usage: **Mandatory**
Purpose: To identify a party by type of organization, name, and code

Example of Segment: N1*BY**92*0068~

Ref. Des.	Data Element	Name	Element Usage
N101	**98**	**Entity Identifier Code** **BY** Buying Party	**M**
N103	**66**	**Identification Code Qualifier** **9** DUNS with 4-character suffix (Shopko's DUNS # 023232638) **92** Assigned by Shopko	**C**
N104	**67**	**Identification Code** The 4-digit number transmitted will indicate either a store or distribution center location. This is used when the N103 value = '92'. When using the DUNS value, the 4 digit number is attached at the end of the DUNS value and the N103 = '9'.	**C**

SHOPKO SEGMENT USAGE COMMENTS

- Shopko requires an N1 segment for the 'BY' or 'ultimate receiver' information at the Order level.
- When sending the 'BY' or 'ultimate receiver' information in the N1 segment, Shopko requires the N103 and N104 values to be sent.
- It is the responsibility of the trading partner to maintain the physical address associated to each location code as well as the relationship of each store with each of the distribution centers. The location code information is maintained on the EDI website in the document "**ShopKo Location IDs**".
- When the N103 = '9' then the N104 must be the DUNS + four digit Shopko location code
- When the N103 = '92' then the N104 must be a valid four digit Shopko location code

SHOPKO'S 856 GUIDELINES

Segment:	**HL Hierarchical Level**
Level:	**Detail - Pack**
Loop:	**HL**
Shopko Usage:	**Mandatory**
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments

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Example of Segment: HL*3*2*P~

Ref. Des.	Data Element	Name	Element Usage
HL01	**628**	**Hierarchical ID Number** The HL01 shall contain a unique number for each occurrence of the HL segment in the transaction set	**M**
HL02	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	**M**
HL03	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure **P** Pack	**M**

SHOPKO'S 856 GUIDELINES

Segment: **MAN Marks and Numbers**
Level: **Detail - Pack**
Loop: **HL**
Shopko Usage: **Mandatory**
Purpose: To indicate identifying marks and numbers for shipping containers
.

Example of Segment: MAN*GM*00000867740008775483~

Ref. Des.	Data Element	Name	Element Usage
MAN01	**88**	**Marks and Numbers Qualifier**	**M**
		CP Carrier-Assigned Package ID Number	
		GM SSCC-18 and Application Identifier (20 digit)	
		UC U.P.C. Shipping Container Code (14 digit)	
		UP U.P.C. Consumer Package Code (1-5-5-1)	
MAN02	**87**	**Marks and Numbers**	**M**
		Marks and numbers used to identify a shipment or parts of a shipment	

SHOPKO SEGMENT USAGE COMMENTS

- Our system requires the GM qualifier and corresponding 20 digit value to be sent. Should your company ship smaller items in a carton to contain the product and no Carton UPC would be available, please contact the Distribution Center for options to shipping.
- The 20-digit ID number in element MAN02 should not be duplicated.

SHOPKO'S 856 GUIDELINES

Segment:	**HL Hierarchical Level**	
Level:	**Detail - Item**	
Loop:	**HL**	
Shopko Usage:	**Mandatory**	
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments	

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Example of Segment: HL*4*3*I~

Ref. Des.	Data Element	Name	Element Usage
HL01	**628**	**Hierarchical ID Number** The HL01 shall contain a unique number for each occurrence of the HL segment in the transaction set	**M**
HL02	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	**M**
HL03	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure **I** Item	**M**

SHOPKO'S 856 GUIDELINES

Segment: **LIN Item Identification**
Level: **Detail - Item**
Loop: **HL**
Shopko Usage: **Mandatory**
Purpose: To specify basic item identification data
.
Example of Segment: LIN**CB*75099028*UP*555774359780~

Ref. Des.	Data Element	Name	Element Usage
LIN02	**235**	**Product/Service ID Qualifier**	**M**
		CB Buyer's Catalog Number (8 digit)	
		EN European Article Number (EAN) (2-5-5-1)	
		UA U.P.C./EAN Case Code (2-5-5)	
		UI U.P.C. Consumer Package Code (1-5-5)	
		UP U.P.C. Consumer Package Code (1-5-5-1)	
LIN03	**234**	**Product/Service ID**	**M**
		Identification number for a product	

SHOPKO SEGMENT USAGE COMMENTS

- Shopko requires, at minimum, the CB or SKU qualifier and the corresponding SKU value in its ASN transmissions. Since this information is required on the carton label, Shopko requires the information in the ASN.
- The UP qualifier and corresponding value may be sent in addition to the SKU to identify an item.
- The LIN elements can be repeated as often as necessary.

SHOPKO'S 856 GUIDELINES

Segment: **SN1 Item Detail (Shipment)**
Level: **Detail - Item**
Loop: **HL**
Shopko Usage: **Mandatory**
Purpose: To specify line-item detail relative to shipment
.
Example of Segment: SN1**6*EA~

Ref. Des.	Data Element	Name	Element Usage
SN102	382	**Number of Units Shipped**	**M**
SN103	355	**Unit or Basis for Measurement Code** **EA** Each	**M**

SHOPKO SEGMENT USAGE COMMENTS

- This segment is used to specify the total number of items shipped in the carton on which the UCC128 label is placed. Should this item be shipped in multiple cartons, the SN102 will represent the number of items shipped on each particular carton and NOT the sum of the items shipped in the order.
- Shopko must have the units in 'eaches'.
- Should the shipment contain display or a 'pre pack' assortment of goods, the quantity that would be reflected in the number of units shipped would be equal to the number of displays or pre packs ordered. Should your company send the number of components in each pre pack as the number of units shipped, chargebacks will be assessed for incorrectly reporting the quantity of items in the carton. For further information on how to work with Displays or pre packed goods, please review the document "**Display Packs**" which can be found on our website.

SHOPKO'S 856 GUIDELINES

Segment:	**CTT Transaction Totals**	
Level:	**Summary**	
Shopko Usage:	**Mandatory**	
Purpose:	To provide total line items to validate transaction completeness and correctness.	

Example of Segment: CTT*19~

Ref. Des.	Data Element	Name	Element Usage
CTT01	**354**	**Number of Line Items** Total number of HL segments present in the transaction set.	**M**

SHOPKO'S 856 GUIDELINES

Segment:	**SE - Transaction Set Trailer**
Level:	**Summary**
Shopko Usage:	**Mandatory**
Purpose:	To indicate the end of the transaction set and to provide the count of the segments transmitted within the transaction set.

Example of Segment: SE*81*0001~

Ref. Des.	Data Element	Name	Element Usage
SE01	**96**	**Number of Included Segments** The total number of segments included in a transaction set including the ST and SE segments	**M**
SE02	**329**	**Transaction Set Control Number** The identifying transaction set control number. This must be the same number as in the ST02.	**M**

SHOPKO'S 856 GUIDELINES

Segment:	**GE - Functional Control Trailer**
Level:	**Group**
Shopko Usage:	**Mandatory**
Purpose:	Indicates the end of a functional group and provides control information.

Example of Segment: GE*2*850~

Ref. Des.	Data Element	Name	Element Usage
GE01	**97**	**Number of Included Transaction Sets** This field represents the number of transaction sets (ST/SE) included in the functional group (GS/GE).	**M**
GE02	**28**	**Data Interchange Control Number** This must be the same number that was entered in the (GS06) field for the group.	**M**

SHOPKO'S 856 GUIDELINES

Segment:	**IEA - Interchange Control Trailer**	
Level:	**Envelope**	
Shopko Usage:	**Mandatory**	
Purpose:	To define the end of an interchange for a partner and to provide control information.	

Example of Segment: IEA*1*000000850~

Ref. Des.	Data Element	Name	Element Usage
IEA01	**116**	**Number of Included Groups** This field represents the number of GS segments within the transmission.	**M**
IEA02	**112**	**Interchange Control Number** The number in this field must match the one in the ISA segment (ISA13).	**M**

SHOPKO'S 856 GUIDELINES

Sample -- Plan 1 Mixed Case Pack - direct to the stores
Shipment, Order, Pack, Item (SOPI)   BSN05=0001

```
ISA*00*         *00*        *01*012345678     *08*6136010000    *020608
*1621*U*00401*000000850*0*P*>~
GS*SH*012345678*6136010000*20020608*1621*850*X*004010~
ST*856*0001~
BSN*00*661325*20020608*1355*0001~
HL*1**S~
TD1*CTN25*1****G*4*LB~
TD5*B*2*UPSG*U*UPS GROUND~
REF*BM*661325~
DTM*011*20020608~
N1*SF*SHIP FROM LOCATION NAME~
N1*ST**92*0068~
HL*2*1*O~
PRF*003456789~
TD1*CTN25*1~
N1*BY**92*0068~
HL*3*2*P~
MAN*GM*00000867740008775483~
HL*4*3*I~
LIN**CB*75099028*UP*555774359780~
SN1**6*EA~
HL*5*3*I~
LIN**CB*76091735*UP*097889679632~
SN1**1*EA~
HL*6*3*I~
LIN**CB*37032109*UP*097889669527~
SN1**2*EA~
HL*7*3*I~
LIN**CB*52078334*UP*097889672923~
SN1**1*EA~
HL*8*3*I~
LIN**CB*52078224*UP*555531179112~
SN1**3*EA~
HL*9*3*I~
LIN**CB*52078134*UP*555531210082~
SN1**2*EA~
HL*10*3*I~
LIN**CB*52072334*UP*555531210167~
SN1**3*EA~
HL*11*3*I~
LIN**CB*52058334*UP*555531224751~
SN1**3*EA~
HL*12*3*I~
LIN**CB*52278334*UP*555774861146~
SN1**2*EA~
HL*13*3*I~
LIN**CB*52668334*UP*555531178542~
```

SN1**3*EA~
HL*14*3*I~
LIN**CB*52078325*UP*555531179136~
SN1**3*EA~
HL*15*3*I~
LIN**CB*54478334*UP*555531178931~
SN1**3*EA~
HL*16*3*I~
LIN**CB*52288334*UP*555774366238~
SN1**1*EA~
HL*17*3*I~
LIN**CB*54722334*UP*555531178227~
SN1**1*EA~
HL*18*3*I~
LIN**CB*52075434*UP*555531178146~
SN1**3*EA~
HL*19*3*I~
LIN**CB*54778334*UP*555531178177~
SN1**3*EA~
CTT*19~
SE*81*0001~
ST*856*0002~
BSN*00*661343*20020608*1355*0001~
HL*1**S~
TD1*CTN25*1****G*2*LB~
TD5*B*2*UPSG*U*UPS GROUND~
REF*BM*661343~
DTM*011*20020608~
N1*SF*SAMPLE VENDOR~
N1*ST**92*0078~
HL*2*1*O~
PRF*003456789~
TD1*CTN25*1~
N1*BY**92*0078~
HL*3*2*P~
MAN*GM*00000867740008775476~
HL*4*3*I~
LIN**CB*75099028*UP*555774359780~
SN1**2*EA~
HL*5*3*I~
LIN**CB*76091735*UP*097889679632~
SN1**1*EA~
HL*6*3*I~
LIN**CB*37032109*UP*097889669527~
SN1**2*EA~
HL*7*3*I~
LIN**CB*52076334*UP*097889672923~
SN1**3*EA~
HL*8*3*I~
LIN**CB*54778334*UP*555531178177~
SN1**1*EA~
HL*9*3*I~

LIN**CB*52075434*UP*555531178146~
SN1**1*EA~
HL*10*3*I~
LIN**CB*54722334*UP*555531178227~
SN1**1*EA~
HL*11*3*I~
LIN**CB*54478334*UP*555531178931~
SN1**1*EA~
HL*12*3*I~
LIN**CB*52668334*UP*555531178542~
SN1**1*EA~
HL*13*3*I~
LIN**CB*52278334*UP*555774861146~
SN1**2*EA~
CTT*13~
SE*57*0002~
GE*2*850~
IEA*1*000000850~