

824 Application Advice

Functional Group ID: **AG**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection, or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

The purpose of the 824 transaction transmitted from Sherwin-Williams is to report the rejection of the 856 Advanced Shipping Notice (ASN) transaction set. Any ASN that has been reported rejected via the 824 transaction must be resent as an original, using "00" in the BSN01 field on the ASN.

Sherwin Williams will transmit the 824 transaction whenever an 856 is received that meets any of the following conditions:

- Missing or Invalid Site Code
- Missing or Invalid Vendor Number
- Missing or Invalid PO Number
- Missing or Invalid Part Number
- Invalid Package Unit of Measure

Heading:

Seg ID	Name	Max Use	Loop Rep	Comments
ST	Transaction Set Header	1		required
BGN	Beginning Segment for Application Advic	1		required
N1	Name	1		
N2	Additional Name Information	2		
N3	Address	2		
N4	Geographic Location	1		
REF	Reference Identification	12		

Detail:

Seg ID	Name	Max Use	Loop Rep	Comments
OTI	Original Transaction Identification	1	OTI	99999 required
REF	Purchase Order Reference	12		
DTM	Date/Time Reference	2		
TED	Technical Error Description	10		

Summary:

Seg ID	Name	Max Use	Loop Rep	Comments
SE	Transaction Set Trailer	1		required

Segment: ST Transaction Set Header

Position: 010

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number.

Semantics: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 824 selects the Application Advice Transaction Set.)

Data Element Summary

Ref Des	Ref No	Name	Attributes		
ST01	143	Transaction Set Identifier Code 824 - X12 Application Advice	M	ID	3/3
ST02	329	Transaction Set Control Number	M	AN	4/9

Segment: BGN Beginning Segment for Application Advice

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a transaction set.

Syntax: 1 C0504 - If BGN05 is present, then BGN04 is required.

- Semantics:**
- 1 BGN02 is the transaction set reference number.
 - 2 BGN03 is the transaction set date.
 - 3 BGN04 is the transaction set time.
 - 4 BGN05 is the transaction set time qualifier.
 - 5 BGN06 is the transaction set reference number of a previously sent transaction.

Data Element Summary

Ref Des	Ref No Name	Attributes		
BGN01	353 Transaction Set Purpose Code Code identifying purpose of transaction set <i>44 Rejection</i>	M	ID	2/2
BGN02	127 Reference Identification	M	AN	1/30
BGN03	373 Date Transaction Date - CCYYMMDD	M	DT	8/8
BGN04	337 Time Time expressed in 24-hour clock - HHMMSS	R	TM	4/8
BGN05	623 Time Code ET Eastern Time	O	ID	2/2
BGN06	127 Reference Identification <i>Shipment Number</i>	O	ID	1/30
BGN07	640 Transaction Type Code	O	ID	2/2
BGN08	306 Action Code <i>'U' Rejected</i>	O	ID	1/2

Segment: BGN Beginning Segment for Application Advice

BGN09 786 Security Level Code O ID 2/2

Segment: N1 **Name**

Position: 220

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name and code.

Syntax: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantics:

Comments: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the ID Code (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

Ref Des	Ref No	Name	Attributes
N101	98	Entity Identifier Code ST Ship To	M ID 2/3
N102	93	Name	C AN 1/60
N103	66	6 Plant Code	C ID 1/2
N104	67	Identification Code	C AN 2/80

Segment: N2 Additional Name Information

Position: 040

Loop:

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Data Element Summary

Ref Des	Ref No Name	Attributes		
N201	93 Name	M	ID	1/60
N102	93 Name	C	AN	1/60

Segment: N3 **Address Information**
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

Ref Des	Ref No Name	Attributes		
N301	166 Address Information	M	ID	1/55
N302	166 Address Information	C	AN	1/55

Segment: **N4** **Geographic Location**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

Syntax: C0605 - If N406 is present, then N405 is required

Comments: A combination of either N104 through N404, or N405 and N406 may be adequate to specify a location.
 N402 is required only if city name (N401) is in the U.S. or Canada

Data Element Summary

Ref Des	Ref No Name	Attributes		
N401	19 City Name	O	AN	2/30
N402	156 State or Province Code	O	ID	2/2
N403	116 Postal Code	O	ID	3/15
N404	26 County Code	O	ID	2/3
N405	309 Location Qualifier	R	ID	1/2
N406	310 Location Identifier	O	AN	1/30

Segment: REF Reference Numbers

Position: 070

Loop:

Level: Heading

Usage: Mandatory

Max Use: 12

Purpose: To specify identifying information.

Syntax: 1 At least one of REF02 or REF03 is required.

Semantics: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

Ref Des	Ref No Name	Attributes
REF01	128 Reference Identification Qualifier BM Bill of Lading Number	M ID 2/3
REF02	127 Reference Identification Bill of Lading/Packing Slip Number	C AN 1/30
REF03	352 Description	C AN 1/80
REF04	C040	O Comp

Segment: OTI Original Transaction Identification

Position: 010 Detail

Loop:

Level: Detail

Usage: Mandatory

Max Use: >1

Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected or accepted-with-change edit result

Syntax: C0908 If OTI09 is present, then OTI08 is required

- Semantics:**
- 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
 - 2 OTI06 is the group date.
 - 3 OTI07 is the group time.
 - 4 If OTI11 is present, it will contain the version/release number under which the original electronic transaction was translated by the receiver.
 - 5 OTI12 is the purpose of the original transaction set, in its unique identification.
 - 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
 - 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
 - 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification
 - 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
 - 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

- Comments:**
- 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
 - 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
 - 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

Ref Des	Ref No.	Attributes
OTI01	110 Application Acknowledgement Code "IR" Item Reject	M ID 1/2

OTI02	128 Reference Identification Qualifier "SI" Shipper's Identifying Number for Shipment	M	ID	1/2
OTI03	127 Reference Identification Shipment Number from BSN02	M	AN	2/3
OTI04	142 Application Sender's Code	O	AN	1/30
OTI05	124 Application Receiver's Code	O	AN	2/15
OTI06	373 Date	O	DT	8/8
OTI07	337 Time	O	TM	4/8
OTI08	28 Group Control Number	R	N0	1/9
OTI09	329 Transaction Set Control Number	O	AN	4/9
OTI10	143 Transaction Set Identifier code	O	ID	3/3
OTI11	480 Version / Release / Industry Identifier Code	O	AN	1/12
OTI12	353 Transaction Set Purpose Code	O	ID	2/2
OTI13	640 Transaction Type Code	O	ID	2/2
OTI14	346 Application Type	O	ID	2/2
OTI15	306 Action Code	O	ID	1/2
OTI16	305 Transaction Handling Code	O	ID	1/2
OTI17	641 Status Reason Code	O	ID	3/3

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Segment: REF Reference Numbers

Position: 020

Loop: OTI

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify identifying information.

Syntax: 1 At least one of REF02 or REF03 is required.

Semantics: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

Ref Des	Ref No Name	Attributes
REF01	128 Reference Identification Qualifier PO Purchase Order Number	M ID 2/3
REF02	127 Reference Identification Purchase order number	C AN 1/30
REF03	352 Description	C AN 1/80
REF04	C040	O Comp

Segment: DTM Date/Time/Period
Position: 030
Loop: OTI
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify pertinent dates and times

Syntax:

- 1 At least one of DTM02, DTM03, or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantics:
Comments:

Data Element Summary

Ref Des	Ref No	Name	Attributes		
DTM01	374	Date/Time Qualifier	M	ID	3/3
	011	Shipped			
	017	Estimated Delivery			
DTM02	373	Date	R	DT	8/8
		CCYYMMDD			
DTM03	337	Time	R	TM	4/8
DTM04	623	Time Code	O	ID	2/2
DTM05	1250	Date/Time Period Qualifier	R	ID	2/3
DTM06	1251	Date Time Period	R	AN	1/35

Segment: TED Technical Error Description

Position: 070

Loop: OTI

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

Comments: If used, TED02 will contain a generic description of the data in error (e.g., part number, reference number, etc.).

Data Element Summary

Ref Des	Ref No Name	Attributes		
TED01	647 Application Error Condition Code	M	ID	1/3
	848 Incorrect Data			
	DUP Duplicate Transaction			
	H Missing or Invalid Unit of Measure			
	MF Missing or Invalid Vendor Nbr			
	ML Missing or Invalid Location (Site)			
	O Other			
	POI Purchase Order Nbr Invalid			
	Q Missing or Invalid Item Identification			
TED02	3 Free Form Message	O	AN	1/60
TED03	721 Segment ID Code	O	ID	2/3
TED04	719 Segment Position in Transaction Set	O	N0	1/6
TED05	722 Element Position in Segment	O	N0	1/2
TED06	725 Data Element Reference Number	O	N0	1/4
TED07	724 Copy of Bad Data Element	O	AN	1/99
TED08	961 Data Element New Content	O	AN	1/99

Segment: **SE** **Transaction Set Trailer**

Position: 090

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax:

Semantics:

Comments: SE is the last segment of each transaction set.

Data Element Summary

Ref Des	Ref No Name	Attributes		
SE01	96 Number of Included Segments	M	NO	1/10
SE02	329 Transaction Set Control Number	M	AN	4/9