

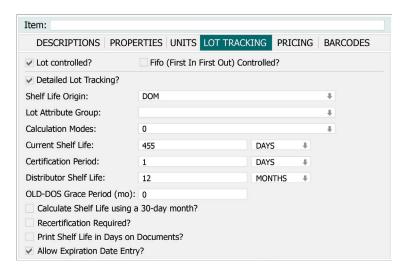
SHELF LIFE AND LOT CONTROL

THE KEY TO ACCURACY, TRACEABILITY, AND EFFICIENCY

At an Ellsworth Adhesives' Distribution Center, item attributes and lot control are the key to our accuracy, traceability, and efficiency. To maintain superior lot control, Ellsworth Adhesives utilizes a highly enhanced WMS (Warehouse Management System).

LOT TRACKING

The key to shelf life and lot control are the individual item attributes that we use to identify products in inventory. Ellsworth Adhesives develops and maintains an item file within our WMS that can track the elements of a product's shelf including a variety of calculation modes, time frames, and attributes that are unique to specific vendors and items. These attributes are then used to systemically calculate and track the expiration dates of all lots in our inventory.

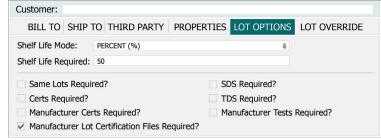


LOT OPTIONS

Our WMS maintains a profile of every customer and their shelf life, document, and labeling requirements. We are not a pure FIFO (First In First Out) facility. If a customer requires a minimum of 50% shelf life, that will become part of their profile. Our WMS will then guide our pickers to the lot that meets a customer's requirement even if it means passing up older material in inventory.

If we don't have the shelf life in inventory that a customer requires, the picker will be alerted to take the product to a hold location and it will not be released until the Customer Service Representative approves the release.

If an order is staged to shipping without going through the authorization process, an alert will be sent to the inventory control and order prep teams alerting them to the event.



INVENTORY

In the Inventory tab within our WMS, shelf life detail is systemically calculated and kept. This data is used to allocate the proper shelf life to a customer's profiled need.

INVENTORY ITEM LEDGER QUARANTINE REMNANT SERIAL NUMBERS LOT NUMBERS DISCREPANCIES												
BIN	₩	LOAD ▼	TOTE ▼	QUANTITY ▼	TYPE ▼	ZONE ▼	QUAR ▼	REMNT ▼	LOT ▼	SERIAL ▼	RECEIPT DATE ▼	SHELF LIFE REMAINING ▼
125-01-0	4			1296	1	1			>8N92BAAA		23 Apr 2018	2Y 2M 31 DAYS (91%)
125-02-0	1			1168	11	1			>N622BAAA		19 Mar 2018	2Y 1M 22 DAYS (87%)

Our WMS also records every Receipt, Pick, and Ship activity at the lot level with a time stamp.

27 Apr 2018 05:45:54 PM	JADAM	ITEM.PUTAWAY		#16975
27 Apr 2018 05:35:34 PM	JADAM	ITEM.PUTAWAY		#RECV02
27 Apr 2018 05:19:54 PM	JADAM	ITEM.RECEIVE	0396476	
04 May 2018 11:59:57 AM	CWALLIS	ORD.SHIP	3793701	#793701
04 May 2018 11:33:20 AM	HCARR	LOAD.STAGE	#793701 (3793701)	INTLDOC1
03 May 2018 04:03:42 PM	DWILLIAMSON	LOAD.STAGE	#791716 (3791716)	STAGE
03 May 2018 03:18:18 PM	DWILLIAMSON	ORD.PICK	3791716	F01-04-01

LOT AUDIT

Our WMS maintains lot audit trail for all any given Item/Lot combinations which allows for quick reporting of all orders that received a specific lot.

LOT AUDIT							
BRANCH ▼	TRANSACTION V	ITEM ▼	DESCRIPTION ▼	LOT NUMBER ▼	DATE ▼	QUANTITY	SALES ORDER ▼
	PICK	EA9394 QUART KIT 420512	Loctite EA9394 Quart Kit Aero	>H452BAAA	12 Apr 2018 07:23:43 PM	5	3780590
	PICK	EA9394 QUART KIT 420512	Loctite EA9394 Quart Kit Aero	>H452BAAA	11 Apr 2018 06:28:03 PM	17	3780354
	PICK	EA9394 QUART KIT 420512	Loctite EA9394 Quart Kit Aero	>H452BAAA	04 Apr 2018 02:54:36 PM	1	3775214
	RECEIVE	EA9394 QUART KIT 420512	Loctite EA9394 Quart Kit Aero	>H452BAAA	02 Apr 2018 02:45:25 PM	24	



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