Adhesive Shelf Life Tracker

How-to guide: what the workbook does, how to use it and what every number means. mfgcalcs.com

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Track every lot of adhesive and sealant against its expiry: days of stock at the rate it is used, what will expire unused, and what it is worth.

For: Stores and inventory controllers, process engineers and buyers managing adhesives, sealants, coatings and other dated materials.

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Quick start

1. On Setup, type your site, currency and as-of date, and list your materials with their unit and price per unit.
2. On Lots, give each lot a row: material, received and expiry dates, stock and daily usage.
3. Fix anything the Check column names.
4. Open the Dashboard: coverage against days to expiry, and the value that will expire unused.

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Site, currency, the as-of date, and the materials with their unit and price.
Lots	One row per lot: expiry, stock and daily usage in; coverage, stock left at expiry and value at risk out.
Dashboard	How long every lot's stock lasts against its expiry, and the value that will expire unused.
Method	How every number is calculated, with assumptions, limits and sources.
Verify	Self-check: the workbook's formulas recomputed on fixed inputs against an independent reference.

What each number means

Quantity	How it is calculated	Units
Days to expiry	Expiry - as-of date.	days
Coverage and usable days	Stock / daily usage; the smaller of coverage and days to expiry.	days
Left at and used before expiry	Stock - daily usage x days to expiry, not below 0; stock - left at expiry.	units
Value at risk	Left at expiry x price per unit.	currency
Runs out	As-of date + coverage, in whole days.	date

Quantity	How it is calculated	Units
Status	Out of limits when stock is left at expiry; otherwise Within limits.	-

Assumptions, limitations, sources and the self-check (the Verify sheet, which recomputes the workbook's formulas on fixed test inputs) are in the workbook. The last page shows the Dashboard with the example data for Ravel Electronics, a fictional business.

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Engineering estimates for planning and improvement work. Verify the results against your own process, data and standards before you rely on them.

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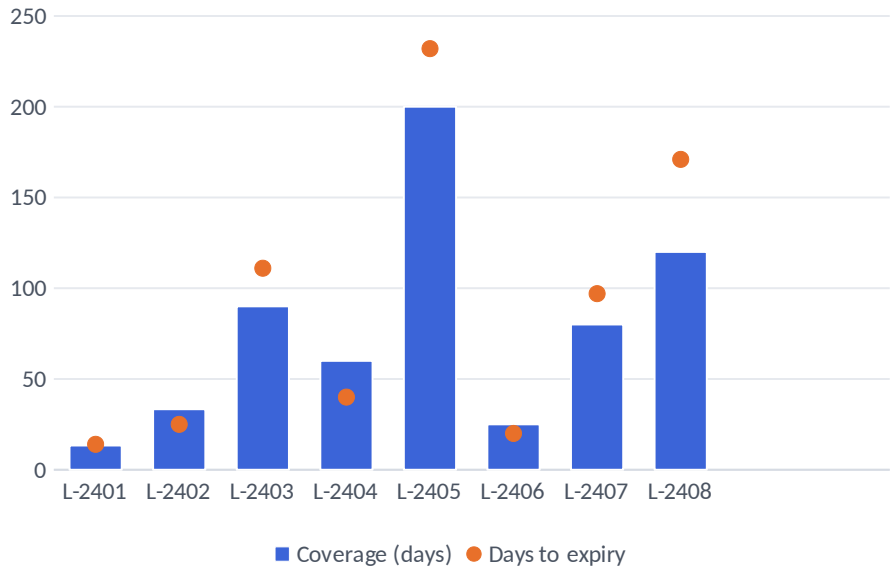
How long every lot's stock lasts against its expiry, and the value that will expire unused.

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Ravel Electronics, adhesive store (example): 8 lots as of 10 Nov 2026. Amounts in USD.

LOTS	STOCK VALUE	VALUE AT RISK	LOTS THAT WILL EXPIRE WITH STOCK
8	**23,714**	**2,460**	**3**
Rows on Lots	Stock x price per unit	Stock left at expiry x price	At today's usage

Coverage against days to expiry



Value that will expire unused

