

## Low Residue Label Lock™ Product data sheet V1.2009

### Description:

A tamper indicating self adhesive label designed to visually deform when removal is attempted but leave little or no residual adhesive on the application surface.

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### Possible applications: (not for specification purposes)

Label Lock™ is designed to be used on most clean and dry surfaces. It is:

**suitable** for application to a very wide range of surfaces including painted wood, powder coated metals, synthetic doors, glass cabinets, consumer electronic devices and  
**not suitable** for use on disposable packaging such as cardboard boxes, envelopes and some CD/DVD cases.

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### Physical components:

**Liner** : Super calendered siliconised glassine paper

**Substrate** : HDPE (High Density Poly Ethylene)

**Adhesive** : A high tack peelable pressure sensitive polymer based adhesive

**Printed inks** : A mixture of various ink chemistries and other components.

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### Instructions for use:

- 1) Ensure the surface to be sealed is clean, dry and free of any oil. Clean if necessary with a cloth or an Isopropyl alcohol wipe.
- 2) Peel the Label Lock™ carefully from its protective liner <sup>a</sup>. Warning: Excessive force or speed may cause the label to pre-void <sup>b</sup>.
- 3) Apply to the surface to be sealed using firm finger pressure <sup>c,d</sup>. Do not try to remove and reapply once the Label Lock™ has contacted the surface. Allow adhesive to dwell for 10 minutes before testing.
- 3) If on removal any residue remains, dab the adhesive side of a used Label Lock™ on the residue repeatedly to remove it.

### Special notes:

- a) This product is not suitable for surface printing using a thermal transfer printer.
  - b) Care must be taken not to disturb the tamper indicating feature by enacting the void message when removing the Label Lock™ from the liner. Remove the Label Lock™ slowly and carefully from the liner at a 90° angle.
  - c) Sufficient pressure and dwell time is required to develop adhesion to ensure the the void message appears on removal or tampering. Stronger initial bonds can be made with firmer finger pressure on application.
  - d) A sufficient adhesive bond may not develop on all surfaces, particularly those with a low surface energy or surface contamination. The product must always be pre tested by the user in the intended application before actual use.
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**Environmental Performance:**

temperature resistance	use temperature	<-30°C to +70°C
	storage temperature	+5°C to 30°C (store dry)
	application temperature	-10°C to +45°C
humidity resistance	not sensitive to humidity	
water resistance	withstands exposure to water at room temperature for 24 hours	
shelf life	1 year	

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**Handling, Health and safety:**

No special precautions needed. Do not inhale vapours if burnt.

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**Regulatory Information:**

Risk Phrases        None required

Safety Phrases     None required

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**Ecological information:**

Not known to have any adverse environmental effects

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**Disposal considerations:**

Suitable methods of disposal are incinerators with energy recovery or in approved landfill sites in accordance with national and local regulations. Care should be taken to ensure compliance with national and local regulations.

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**Please note:**

The statements made in this data sheet are the experience of using Label Lock™ in the field and the result of careful laboratory evaluations by trained staff employing FINAT and similar test methods. No guarantee can be made, however, as regards specific applications as conditions of use are different for each individual case. Full end-use testing should be undertaken to properly evaluate this product under specific conditions including the degree of security offered. It is recommended that the end user test samples from each roll of labels before use. This product is not guaranteed to be 100% tamper proof. This product is not guaranteed not to leave a residue on removal. The manufacturer does not accept any responsibility or liability direct or consequential for loss or damage caused as a result of using this product.

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**Manufacturer:**

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