

#### 產品說明

犀利牌液體釘是一種由合成橡膠構成的溶劑型黏合力極強的多用途建築膠粘劑，能對大多數建築材料提供持久穩定的黏接力。它符合香港VOC法規對多用途建築膠粘劑的要求（VOC < 70g/L），黏度高不垂流，在施工及乾固後為淺褐色。

#### 包裝

每支 360 克

#### 用途

犀利牌液體釘是一種高強度多用途建築膠粘劑。適用於粘接木材，石膏板，中纖板，碎木板，石材，混凝土，瓷磚，金屬，塑膠\*，橡膠和玻璃等。

它可以用來做鞋底的黏接（類似於萬能膠）或者做兩部分對接的情況，例如有機械固定件的連接處或釘子或使用螺絲來承重的地方，在膠水完全固化後都可以做此類應用。

液體釘可以做下列典型應用：

- ◆ 地板對欄柵
- ◆ 金屬或鋁制門檻嵌縫條對地板或牆體
- ◆ 木材或纖維水泥板對水泥塊或磚牆
- ◆ 梅森奈特纖維板/硬質纖維板對木材或地板
- ◆ 牆板或鑲板對木質或金屬框架
- ◆ 軟木磚對木材，纖維水泥板或灰泥
- ◆ 用在企口地板的凹槽處，施工時使用以防止產生噪音

#### 技術特性

- ◆ 液體釘的配方設計可以提供足夠的柔韌性，所以粘接部位可以更牢固及持久（液體釘足夠柔

韌，它可以隨建築部件的冷熱位移及正常的收縮而做出即時回應，同時不會失去粘接強度。）

- ◆ 優異的耐水及耐候性使得它適用於室內和室外應用。
- ◆ 在冬季氣溫低時易於從紙管中擠出。
- ◆ 快速定位，迅速固化。
- ◆ 在完全固化後能耐受-10°C-90°C的溫度。請參閱“應用限制”
- ◆ 在鑲板間不滴落，不流掛，不收縮。
- ◆ 可以在對介面的平整度要求不是特別嚴格的建材上做填縫，最多可填補寬度為 9mm 的縫隙。
- ◆ 乾後可以上漆

#### 使用方法

所有粘接表面應處理乾淨、乾燥、無灰塵、無油污，剪掉紙管頂端，裝上膠嘴，切成內徑適宜的開口（內徑寬度約 5mm）

（濕粘法）將“之”字型膠條沿著托梁，立柱，板條施膠。（在平板面上施膠，要使用足夠長的膠條，至少要 40cm 長）

安裝結合處時，10 分鐘內要使用足夠的釘子，螺絲及夾具來承重，並使粘接區域有足夠的接觸面。膠體定位後再移除臨時固定物和夾具（至少 24 小時，可參閱“強力粘接對應時間”）

為了快速定位（乾粘法），可以粘接乾燥，多孔和輕質的材料。施膠在一個基面上，壓合，再拉開。晾膠幾分鐘再壓緊。基面拉開後不應超過 20 分鐘否則會影響到粘接強度。

#### 粘接強度對應的時間

強力粘接所用的時間取決於應用的環境。大部分情況在使用 24 小時後可以達到強力粘接，在之後

## 產品說明書

# 犀利牌™ 液體釘® 升級配方(香港)

2015/02/13  
第 5 版

的 2-3 天，強度會持續增長，完全乾固要用 7 天的時間。

溶劑揮發使膠體固化。在持續低溫下，厚塗施工，粘接較寬區域，非吸收基面（例如：金屬，高密度木材）實現完全固化所用的時間會相應延長。

### 地板

當固定地板時（例如：刨花板）按照地板製造商的要求，在連接部位使用最低需求量的釘子。注意：為消除企口板處的噪音，在安裝企口板凹槽處使用液體釘。

### 覆蓋面積

一支膠可擠出直徑 5 毫米，長 15 米的膠條，可以粘接約 6 平方米的牆板。

### 清潔

濕膠體可用松節水擦除，硬化的膠體要用砂紙打磨或刮除。

### 應用限制

- ◆ 防止溢出的膠體沾污上漆木材的表面，產品所用的溶劑會破壞漆膜。
- ◆ 不應被用在低於-5°C 的環境中
- ◆ 不推薦用於緊密夾持的接合處，例如：細木工製品。
- ◆ 犀利牌快粘液體釘®是粘接聚苯乙烯泡沫的首選。
- ◆ 不適用於粘貼鏡子
- ◆ 在高溫下，粘接強度會減弱（大於 50°C）。避免粘接陽光直射的金屬或較重的材料，例如金屬屋頂和側線。（關於需要受熱的特殊應用諮詢犀利公司）

- ◆ 被粘接的材料不適於長期置於潮濕處。

\*粘接塑膠時需要提前測試，以確定是否跟膠體相容

### 技術參數

性能	典型值	標準
組成	合成樹脂，填料跟溶劑共混	
外觀	淺棕色有觸變性的膏狀物	
密度	1.29g/ml	
保質期	30 個月	
VOC 含量	< 70 g/L	
熱穩定性	超過 7 天（40°C 下在未開啟的容器罐中儲存後，符合所有測試要求）	AS2329 - (1999) 6.3
抗流掛	不超過 6mm	AS2329 (1999) -6.4
轉移率	晾置 15 分鐘後超過 75% 的轉移率	AS2329 - (1999) 6.5
開放時間	15-20 分鐘（根據通常條件）	
初始拉伸剪切強度	24 小時後超過 200KPa	AS2329 - (1999)6.7.1.1
拉伸剪切強度	超過 1Mpa	AS2329 - (1999) 6.7.1.2+4



IF IT'S SELLEYS IT WORKS™

## 產品說明書

# 犀利牌™ 液體釘®升級配方(香港)

2015/02/13  
第 5 版

### 警告

高度易燃，蒸汽可被火焰或火花引燃。根據 ASCC 認證，該產品被歸入有害物。刺激眼睛。如果接觸眼部，用大量清水沖洗並遵醫囑。參閱 MSDS 以得到更多資訊。

### 安全指引

遠離火源，避免接觸皮膚和眼睛。僅在通風良好處應用。保存在涼爽乾燥的環境。將剩餘物或丟棄物充分乾燥後再丟棄。避免污染水路。

### 運輸/儲存/危險物資訊

陸運

類級：3

運輸名稱：膠粘劑

UN No：1133

包裝組：II

水運

類級：3

運輸名稱：膠粘劑

UN No：1133

包裝組：II

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德家朗化工(香港)有限公司

DGL Chemicals (Hong Kong) Ltd

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# SELLEYS®

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## 產品說明書

# 犀利牌™液體釘®升級配方白色(香港)

2015/03/03  
第2版

### 產品說明

犀利牌液體釘（白色）是一種由合成橡膠構成的溶劑型、多用途、優級品建築膠粘劑，能對大多數建築基材提供持久穩定的粘接力。它符合香港 VOC 法規對多用途建築膠粘劑的要求（VOC < 70g/L），粘度高不流掛，在施工及乾固後為白色。

### 包裝

每支 360 克

### 用途

犀利牌液體釘（白色）是一種高強度多用途建築膠粘劑。適用於粘接木材，石膏板，中纖板，刨花板，石材，混凝土，瓷磚，金屬，塑膠<sup>®</sup>，橡膠和玻璃。

它可以用來做鞋底的粘接（類似於萬能膠）或者做兩部分對接的情況，例如有機械固定件的連接處或釘子或使用螺絲來承重的地方，在膠水完全固化後都可以做此類應用。

犀利牌液體釘（白色）可以做下列典型應用：

- ◆ 地板對擱柵
- ◆ 金屬或鋁制門檻嵌縫條對地板或牆體
- ◆ 木材或纖維水泥板對水泥塊或磚牆
- ◆ 梅森奈特纖維板/硬質纖維板對木材或地板
- ◆ 牆板或鑲板對木質或金屬框架
- ◆ 軟木磚對木材，纖維水泥板或灰泥
- ◆ 用在企口地板的凹槽處，施工時使用以防止產生噪音

### 技術特性

- ◆ 液體釘的配方設計可以提供足夠的柔韌性，所以粘接部位可以更牢固及持久（液體釘足夠柔

韌，它可以隨建築部件的冷熱位移及正常的收縮而做出即時回應，同時不會失去粘接強度。）

- ◆ 優異的耐水及耐候性使得它適用於室內和室外應用。
- ◆ 在冬季氣溫低時易於從紙管中擠出。
- ◆ 快速定位，迅速固化。
- ◆ 在完全固化後能耐受-10℃-90℃的溫度。請參閱“應用限制”
- ◆ 在鑲板間不滴落，不流掛，不收縮。
- ◆ 可以在對介面的平整度要求不是特別嚴格的建材上做填縫，最多可填補寬度為 9mm 的縫隙。
- ◆ 乾後可以上漆

### 使用方法

所有粘接表面應處理乾淨、乾燥、無灰塵、無油污，剪掉紙管頂端，裝上膠嘴，切成內徑適宜的開口（內徑寬度約 5mm）

（濕粘法）將“之”字型膠條沿著托梁，立柱，板條施膠。（在平板面上施膠，要使用足夠長的膠條，至少要 40cm 長）

安裝結合處時，10 分鐘內要使用足夠的釘子，螺絲及夾具來承重，並使粘接區域有足夠的接觸面。膠體定位後再移除臨時固定物和夾具（至少 24 小時，可參閱“強力粘接對應時間”）

為了快速定位（乾粘法），可以粘接乾燥，多孔和輕質的材料。施膠在一個基面上，壓合，再拉開。晾膠幾分鐘再壓緊。基面拉開後不應超過 20 分鐘否則會影響到粘接強度。

### 粘接強度對應的時間

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德家明化工（香港）有限公司  
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2015/03/03  
第 2 版

的 2-3 天，強度會持續增長，完全乾固要用 7 天的時間。

溶劑揮發使膠體固化。在持續低溫下，厚塗施工，粘接較寬區域，非吸收基面（例如：金屬，高密度木材）實現完全固化所用的時間會相應延長。

### 地板

當固定地板時（例如：刨花板）按照地板製造商的要求，在連接部位使用最低需求量的釘子。注意：為消除企口板處的噪音，在安裝企口板凹槽處使用液體釘。

### 覆蓋面積

一支膠可擠出直徑 5 毫米，長 15 米的膠條，可以粘接約 6 平方米的牆板。

### 清潔

濕膠體可用松節水擦除，硬化的膠體要用砂紙打磨或刮除。

### 應用限制

- ◆ 防止溢出的膠體沾污上漆木材的表面，產品所用的溶劑會破壞漆膜。
- ◆ 不應被用在低於-5°C 的環境中
- ◆ 不推薦用於緊密夾持的接合處，例如：細木工製品。
- ◆ 犀利牌快粘液體釘®是粘接聚苯乙烯泡沫的首選。
- ◆ 不適用於粘貼鏡子
- ◆ 在高溫下，粘接強度會減弱（大於 50°C）。避免粘接陽光直射的金屬或較重的材料，例如金屬屋頂和側線。（關於需要受熱的特殊應用諮詢犀利公司）

- ◆ 被粘接的材料不適於長期置於潮濕處。

\*粘接塑膠時需要提前測試，以確定是否跟膠體相容

### 技術參數

性能	典型值	標準
組成	合成樹脂，填料跟溶劑共混	
外觀	白色有觸變性的膏狀物	
密度	1.29g/ml	
保質期	30 個月	
VOC 含量	< 70 g/L	
熱穩定性	超過 7 天（40°C 下在未開啟的容器罐中儲存後，符合所有測試要求）	AS2329 - (1999) 6.3
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轉移率	晾置 15 分鐘後超過 75% 的轉移率	AS2329 - (1999) 6.5
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初始拉伸剪切強度	24 小時後超過 200KPa	AS2329 - (1999)6.7.1.1
拉伸剪切強度	超過 1Mpa	AS2329 - (1999) 6.7.1.2+4

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# SELLEYS®

IF IT'S SELLEYS IT WORKS™

## 產品說明書

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# 犀利牌™ 液體釘®升級配方白色(香港)

2015/03/03  
第 2 版

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### 警告

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### 安全指引

遠離火源，避免接觸皮膚和眼睛。僅在通風良好處應用。保存在涼爽乾燥的環境。將剩餘物或丟棄物充分乾燥後再丟棄。避免污染水路。

### 運輸/儲存/危險物資訊

陸運

類級：3

運輸名稱：膠粘劑

UN No：1133

包裝組：II

水運

類級：3

運輸名稱：膠粘劑

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# Liquid Nails Upgraded Formula (HK)

## DESCRIPTION

Liquid Nails is a premium grade, solvent based, synthetic rubber multipurpose construction adhesive that delivers a consistently STRONG and LASTING BOND on most building substrates. It complies with Hong Kong VOC regulations for multipurpose construction adhesives (<70 g/L) and has a thick non-runny consistency. It is brown in colour as applied and dry.

## SIZES AVAILABLE

Liquid Nails is available in a 360g cartridge.

## USES

Liquid Nails is a high strength multi-purpose construction adhesive suitable for bonding timber, plasterboard, MDF, particleboard, masonry, concrete, tiles & ceramics, metals, plastics\*, rubber and glass.

It can be used as the sole means of bonding (as a contact adhesive) or as a component in a dual bonding situation, i.e. in conjunction with mechanical fasteners, or where nails or screws are used to support the weight until full cure is completed.

Liquid Nails would typically be used for the following applications:

- Sheet flooring to joists
- Metal or aluminium door strips to floors or walls
- Timber or fibre cement sheeting to cement block or brick walls
- Masonite / hardboard to timber or floor boards
- Wallboard or panelling to wood or metal frames
- Cork tiles to timber, fibre cement or plaster
- In the groove of tongue and groove flooring as it is installed to avoid later squeaking.

## TECHNICAL FEATURES

- Liquid Nails formulation delivers RESPONSE FLEXIBILITY so your bond stays stronger and longer.[Liquid Nails is flexible enough to respond to normal shrinkage and thermal movement between building components without losing bond strength.]
- Excellent resistance to water and weather makes it suitable for interior and exterior applications.
- Easy to extrude from the cartridge at low winter temperatures.
- Fast grab and rapid cure.
- Resistant (after full cure) to heat to 90°C and cold to -10°C . See "Limitations" below.
- Does not drip, sag or string between panels.
- Bridges gap up to 9mm hence can be used on rough and ill-fitting construction materials.
- Dried adhesive is paintable.

## HOW TO USE

Surfaces to be bonded should be free of oil, grease and dust. Cut cartridge tip, fit nozzle and cut end to desired opening (approx 5 mm diameter)

- [WET BOND METHOD] Apply a 'zig zag' bead of adhesive along the joist, stud or batten (on broad flat surfaces, apply full length beads at least every 40 cm)
- Assemble joint within 10 minutes using sufficient nails, screws or clamping to hold load and achieve contact over the total bond area.
- Allow adhesives to set (at least 24 hours) before removing any temporary fasteners or clamping. (refer to Bond Strength Time)
- For faster grab,[CONTACT BOND METHOD], can be used with dry, porous and lightweight materials.

## Technical Data Sheet

# Liquid Nails Upgraded Formula (HK)

- For faster grab,[CONTACT BOND METHOD], can be used with dry, porous and lightweight materials. Apply to one surface only, press together and pull apart. Allow surfaces to dry a few minutes before firmly joining. Surfaces should not be kept apart for longer than 20 minutes as to do so will impair bond strength

### BOND STRENGTH TIME

Time for strong bond depends on nature and condition of application. In most situations\*\* strong bond can be achieved after 24 hours and will continue to strengthen over a 2-3 day period. Full cure may take up to 7 days.

\*\* Curing is achieved by evaporation of solvent. Time to achieve full strength is increased: at constant low temperatures; when thick applications (joints) are used; wide areas are bonded; when bonded surfaces are impervious (eg metals and dense timbers).

### FLOORING

When fixing sheet flooring (eg particleboard), use in conjunction with flooring manufacturer's installation specifications for minimum nailing requirements.

Note: To eliminate squeaks in tongue and groove flooring, apply a bead of Liquid Nails into groove of each board when installing.

### COVERAGE

Approximately 6 square meters (2 standard sheets) of wall panelling or up to 15 metres of 5 mm bead.

### CLEAN UP

Clean off wet adhesive with mineral turps  
Dry adhesive can be removed by scraping or sanding

### LIMITATIONS

- Take care to prevent spills of adhesive onto lacquered timber surfaces, as solvents in the product may damage the appearance/finish.
- Should not be applied at temperatures below -5°C.
- Not recommended for tightly clamped joints; eg cabinet making or joinery.
- Selleys Liquid Nails Fast Choice is preferred for styrene foam.
- Not suitable for use on mirrors.
- Bonds weaken at high temperatures (eg above 50°C). Avoid bonding metals or heavy materials which will be heated by direct sun, eg to metal roofing and siding. (Consult Selleys about particular applications subject to heating.)
- Not suitable for bonding materials in areas which will be constantly damp or wet.

\*Pre-test plastics to determine compatibility

### TECHNICAL DETAILS

Property	Typical Result	Standard
Composition	Blend of synthetic resins and fillers dispersed in solvent.	
Appearance	Brown coloured thixotropic paste.	
Density	1.29g/mL	
Shelf Life	30 months	
VOC content	68 g/L (less exempt solvents)	
Thermal Stability	Exceeds 7 days . (Complies with all tests after storage in unopened container @ 40°C)	AS2329 - (1999) 6.3
Sag Resistance	Not more than 6mm	AS2329 - (1999) 6.4
Flow and Transfer	Exceeds 75% transfer after 15 minutes drying.	AS2329 - (1999) 6.5
Open Time	15- 20 min. (depending upon prevailing conditions).	





IF IT'S SELLEYS IT WORKS™

## Technical Data Sheet

HK Issue  
No. 5  
13.02.2015

# Liquid Nails Upgraded Formula (HK)

### WARNINGS/FIRST AID

Highly flammable. Vapours can be ignited by flame or spark. This product is classified as hazardous according to the criteria of ASCC. Irritating to eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Refer to the Material Safety Data Sheet for more information.

### SAFETY DIRECTIONS

Liquid Nails Fast should always be used in Keep away from sources of ignition. Avoid contact with skin and eyes. Use only in well ventilated areas. Keep in a cool dry place. Allow waste or leftover product to dry out before disposing. Avoid contamination of waterways.

### SHIPPING/STORAGE/DANGEROUS GOODS INFORMATION

Road & Rail Transport  
Class: 3  
Proper Shipping Name: ADHESIVES  
UN No: 1133  
Packing Group: II

Marine Transport  
Class: 3  
Proper Shipping Name: ADHESIVES  
UN No: 1133  
Packing Group: II

### VOC REGULATORY INFORMATION

#### Product Category

Adhesives- Architectural Applications

#### Product Type

Multipurpose Construction Adhesives

#### VOC Content

<70g/L†

#### Prescribed VOC Limit

70g/L

#### Complies with Prescribed VOC Limit (Yes/No/Exempt)

Yes

†VOC content determined using USEPA Reference Method 24, as stated in The South Coast Air Quality Management District Rule 1168.



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DGL Chemicals (Hong Kong) Ltd

All information contained in this Product Information Sheet is as accurate and up-to-date as possible. Products can be expected to perform as indicated in this Sheet, so long as application procedures are followed as recommended. However, there are no expressed or implied warranties set out in this information other than those implied by Commonwealth, State or Territory Legislation.

# Liquid Nails Upgraded Formula White (HK)

## DESCRIPTION

Liquid Nails White is a premium grade, solvent based, synthetic rubber multipurpose construction adhesive that delivers a consistently STRONG and LASTING BOND on most building substrates. It complies with Hong Kong VOC regulations for multipurpose construction adhesives (<70 g/L) and has a thick non-runny consistency. It is white in colour as applied and dry.

## SIZES AVAILABLE

Liquid Nails White is available in a 360g cartridge.

## USES

Liquid Nails is a high strength multi-purpose construction adhesive suitable for bonding timber, plasterboard, MDF, particleboard, masonry, concrete, tiles & ceramics, metals, plastics\*, rubber and glass.

It can be used as the sole means of bonding (as a contact adhesive) or as a component in a dual bonding situation, i.e. in conjunction with mechanical fasteners, or where nails or screws are used to support the weight until full cure is completed.

Liquid Nails would typically be used for the following applications:

- Sheet flooring to joists
- Metal or aluminium door strips to floors or walls
- Timber or fibre cement sheeting to cement block or brick walls
- Masonite / hardboard to timber or floor boards
- Wallboard or panelling to wood or metal frames
- Cork tiles to timber, fibre cement or plaster
- In the groove of tongue and groove flooring as it is installed to avoid later squeaking.

## TECHNICAL FEATURES

- Liquid Nails formulation delivers RESPONSE FLEXIBILITY so your bond stays stronger and longer.[Liquid Nails is flexible enough to respond to normal shrinkage and thermal movement between building components without losing bond strength.]
- Excellent resistance to water and weather makes it suitable for interior and exterior applications.
- Easy to extrude from the cartridge at low winter temperatures.
- Fast grab and rapid cure.
- Resistant (after full cure) to heat to 90oC and cold to -10oC . See "Limitations" below.
- Does not drip, sag or string between panels.
- Bridges gap up to 9mm hence can be used on rough and ill-fitting construction materials.
- Dried adhesive is paintable.

## HOW TO USE

Surfaces to be bonded should be free of oil, grease and dust. Cut cartridge tip, fit nozzle and cut end to desired opening (approx 5 mm diameter)

- [WET BOND METHOD] Apply a 'zig zag' bead of adhesive along the joist, stud or batten (on broad flat surfaces, apply full length beads at least every 40 cm)
- Assemble joint within 10 minutes using sufficient nails, screws or clamping to hold load and achieve contact over the total bond area.
- Allow adhesives to set (at least 24 hours) before removing any temporary fasteners or clamping. (refer to Bond Strength Time)
- For faster grab,[CONTACT BOND METHOD], can be used with dry, porous and lightweight materials.

## Technical Data Sheet

# Liquid Nails Upgraded Formula White (HK)

- For faster grab,[CONTACT BOND METHOD], can be used with dry, porous and lightweight materials. Apply to one surface only, press together and pull apart. Allow surfaces to dry a few minutes before firmly joining. Surfaces should not be kept apart for longer than 20 minutes as to do so will impair bond strength

### BOND STRENGTH TIME

Time for strong bond depends on nature and condition of application. In most situations\*\* strong bond can be achieved after 24 hours and will continue to strengthen over a 2-3 day period. Full cure may take up to 7 days.

\*\* Curing is achieved by evaporation of solvent. Time to achieve full strength is increased: at constant low temperatures; when thick applications (joints) are used; wide areas are bonded; when bonded surfaces are impervious (eg metals and dense timbers).

### FLOORING

When fixing sheet flooring (eg particleboard), use in conjunction with flooring manufacturer's installation specifications for minimum nailing requirements.

Note: To eliminate squeaks in tongue and groove flooring, apply a bead of Liquid Nails into groove of each board when installing.

### COVERAGE

Approximately 6 square meters (2 standard sheets) of wall panelling or up to 15 metres of 5 mm bead.

### CLEAN UP

Clean off wet adhesive with mineral turps  
Dry adhesive can be removed by scraping or sanding

### LIMITATIONS

- Take care to prevent spills of adhesive onto lacquered timber surfaces, as solvents in the product may damage the appearance/finish.
- Should not be applied at temperatures below -5°C.
- Not recommended for tightly clamped joints; eg cabinet making or joinery.
- Selleys Liquid Nails Fast Choice is preferred for styrene foam.
- Not suitable for use on mirrors.
- Bonds weaken at high temperatures (eg above 50°C). Avoid bonding metals or heavy materials which will be heated by direct sun, eg to metal roofing and siding. (Consult Selleys about particular applications subject to heating.)
- Not suitable for bonding materials in areas which will be constantly damp or wet.

\*Pre-test plastics to determine compatibility

### TECHNICAL DETAILS

Property	Typical Result	Standard
Composition	Blend of synthetic resins and fillers dispersed in solvent.	
Appearance	White coloured thixotropic paste.	
Density	1.29g/mL	
Shelf Life	30 months	
VOC content	68 g/L (less exempt solvents)	
Thermal Stability	Exceeds 7 days . (Complies with all tests after storage in unopened container @ 40°C)	AS2329 - (1999) 6.3
Sag Resistance	Not more than 6mm	AS2329 - (1999) 6.4
Flow and Transfer	Exceeds 75% transfer after 15 minutes drying.	AS2329 - (1999) 6.5
Open Time	15- 20 min. (depending upon prevailing conditions).	



IF IT'S SELLEYS IT WORKS™

## Technical Data Sheet

HK Issue  
No. 2  
03.03.2015

# Liquid Nails Upgraded Formula White (HK)

### WARNINGS/FIRST AID

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### SAFETY DIRECTIONS

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### SHIPPING/STORAGE/DANGEROUS GOODS INFORMATION

Road & Rail Transport

Class: 3

Proper Shipping Name: ADHESIVES

UN No: 1133

Packing Group: II

Marine Transport

Class: 3

Proper Shipping Name: ADHESIVES

UN No: 1133

Packing Group: II



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