



純祥實業股份有限公司

CHWEN SHYANG ENTERPRISE CO., LTD

C. 水性耐磨金油

Abrasion resistance water base overprinting varnish

a. 規格：

Specification :

1. 產品型號：

Material name : **CH-10706**

2. 組成：聚丙烯酸酯之乳液分散液

Composition : Emulsion of polyacrylate

3. 粘度 (Ford cup#4@25) : 55 ±5 sec.

Viscosity(Ford cup#4@25) : 55 ±5 sec.

4. 色澤：乳白色乳液

Appearance : Milky white liquid

5. 溶劑：水

Solvent : Water

6. 固型份 (%) : 42 ± 2

Solid content (%) : 42 ± 2

7. pH 值 : 8.5 ± 0.5

pH : 8.5 ± 0.5

8. 外部嗅覺：微具氨臭味

Odor : Slight ammonia odor

b. 特性：

Characteristic :

1. 光澤度佳

High gloss appearance

2. 平坦性佳

Good leveling ability

3. 乾燥性佳

Fast drying

4. 耐磨性佳

Good abrasion resistance

5. 不黃變

Non-yellowing

6. 不會挑紙張材質

Good for all papers

7. 乾燥後無味道

No odor

8. 滑度佳

Good slip

9. 操作性佳

Good operating processing

c. 加工設備及操作條件：

Processing equipment and operating conditions :

1. 設備：

Equipment :

印刷機上光座滾筒塗布或離線上光機塗布。

Varnish roller coater on printing machine or offline varnish coating machine.

2. 操作條件：

Operating conditions :

乾燥條件：使用短波紅外線乾燥

Drying conditions : Dry with short wave infrared rays



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

水性開花撲克油

Water base overprinting varnish for playing card

a、規格：

Specification：

1. 產品型號：

Material name：**CH-10803**

2. 組成：聚丙烯酸酯之乳液分散液

Composition：Emulsion of polyacrylate

3. 粘度 (Ford cup#4@25)：55 ±5 sec.

Viscosity (Ford cup#4@25)：55 ±5 sec.

4. 色澤：乳白色乳液

Appearance：Milky white liquid

5. 溶劑：水

Solvent：Water

6. 固型份 (%)：42 ± 2

Solid content (%)：42 ± 2

7. pH 值：8.0 ± 0.5

pH：8.0 ± 0.5

8. 外部嗅覺：微具氨臭味

Odor：Slight ammonia odor

b、特性：

Characteristic：

1. 光澤度佳

High gloss appearance

2. 延展性佳

Good tractility

3. 乾燥性佳

Fast drying

4. 不黃變

Non-yellowing

5. 乾燥後無味道

No odor

6. 滑度佳

Good slip

7. 操作性佳

Good operating processing

c、加工設備及操作條件：

Processing equipment and operating conditions：

1. 設備：

Equipment：

印刷機上光座滾筒塗布或離線上光機塗布。	Varnish roller coater on printing machine or offline varnish coating machine.
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2. 操作條件：

Operating conditions：

乾燥條件：使用短波紅外線乾燥。

Drying conditions：Dry with short wave infrared rays

CH-10803



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

C.水性金油

Water base overprinting varnish

5. 規格：

1. 產品型號：
2. 組成：聚丙烯酸酯之乳液分散液
3. 粘度 (Ford cup#4@25) : 50 ± 5 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份 (%) : 44 ± 2
7. pH 值 : 8.5 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification :

Material name : **CH-10111**
Composition : Emulsion of polyacrylate
Viscosity(Ford cup#4@25) : 50 ± 5 sec.
Appearance : Milky white liquid
Solvent : Water
Solid content (%) : 44 ± 2
pH : 8.5 ± 0.5
Odor : Slight ammonia odor

6. 特性：

1. 光澤度佳
2. 平坦性佳
3. 乾燥性佳
4. 耐磨性佳
5. 不黃變
6. 不會挑紙張材質
7. 乾燥後無味道
8. 操作性佳

Characteristic :

High gloss appearance
Good leveling ability
Fast drying
Good abrasion resistance
Non-yellowing
Good for all papers
No odor
Good operating processing

7. 加工設備及操作條件：

Processing equipment and operating conditions :

1. 設備：

Equipment :

印刷機上光座滾筒塗布或離線上光機塗布。

Varnish roller coater on printing machine or offline varnish coating machine.

2. 操作條件：

Operating conditions :

乾燥條件：使用短波紅外線乾燥

Drying conditions : Dry with short wave infrared rays

CH-10111



CHWEN SHYANG ENTERPRISE CO., LTD

C.水性 UV 打底油

Off-line water-base Primer for UV Varnish

d、規格：

1. 產品型號：
2. 組成：聚丙烯酸酯之乳液分散液
3. 粘度 (Ford cup#4@25) : 55 ± 5 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份 (%) : 42 ± 2
7. pH 值 : 8.0 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification :

Material name : **CH-11601**
Composition : Emulsion of polyacrylate
Viscosity(Ford cup#4@25) : 55 ± 5 sec.
Appearance : Milky white liquid
Solvent : Water
Solid content (%) : 42 ± 2
pH : 8.0 ± 0.5
Odor : Slight ammonia odor

e、特性：

1. 平坦性佳
2. 乾燥性佳
3. 不黃變
4. 不會挑紙張材質
5. 乾燥後無味道
6. 操作性佳
7. 增加密著、亮度

Characteristic :

Good leveling ability
Fast drying
Non-yellowing
Good for all papers
No odor
Good operating processing
Improve adhesion、 gloss

f、加工設備及操作條件：

Processing equipment and operating conditions :

1. 設備：

Equipment :

離線上光機塗布。

Off-line varnish coating machine.

2. 操作條件：

Operating conditions :

乾燥條件：使用短波紅外線乾燥
Drying conditions : Dry with short wave infrared rays

CH-11601



純祥實業股份有限公司

CHWEN SHYANG ENTERPRISE CO., LTD

C. 水性耐磨金油

Anti-blocking water base overprinting varnish

g. 規格：

1. 產品型號：
2. 組成：聚丙烯酸酯之乳液分散液
3. 粘度 (Ford cup#4@25) : 55 ± 5 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份 (%) : 42 ± 2
7. pH 值：8.0 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification :

Material name : **CH-11301**
Composition : Emulsion of polyacrylate
Viscosity(Ford cup#4@25) : 55 ± 5 sec.
Appearance : Milky white liquid
Solvent : Water
Solid content (%) : 42 ± 2
pH : 8.0 ± 0.5
Odor : Slight ammonia odor

h. 特性：

1. 光澤度佳
2. 平坦性佳
3. 乾燥性佳
4. 耐磨性佳
5. 不黃變
6. 不會挑紙張材質
7. 抗貼合
8. 乾燥後無味道
9. 滑度佳
10. 操作性佳

Characteristic :

High gloss appearance
Good leveling ability
Fast drying
Good abrasion resistance
Non-yellowing
Good for all papers
Anti-blocking
No odor
Good slip
Good operating processing

i. 加工設備及操作條件：

Processing equipment and operating conditions :

1. 設備：

Equipment :

印刷機上光座滾筒塗布或離線上光機塗布。

Varnish roller coater on printing machine or offline varnish coating machine.

2. 操作條件：

Operating conditions :

乾燥條件：使用短波紅外線乾燥

Drying conditions : Dry with short wave infrared rays

CH-11301



純祥實業股份有限公司

CHWEN SHYANG ENTERPRISE CO., LTD

D. 水性消光 (啞) 油

Mat water base overprinting varnish

j、規格：

Specification：

1. 產品型號：

Material name：**CH-20304**

2. 組成：聚丙烯酸酯之乳液分散液

Composition：Emulsion of polyacrylate

3. 粘度 (Ford cup#4@25)：54 ±5 sec.

Viscosity(Ford cup#4@25)：54 ±5 sec.

4. 色澤：乳白色乳液

Appearance：Milky white liquid

5. 溶劑：水

Solvent：Water

6. 固型份 (%)：38± 2

Solid content (%)：38± 2

7. pH 值：8.5~9

pH：8.5~ 9

8. 外部嗅覺：微具氨臭味

Odor：Slight ammonia odor

k、特性：

Characteristic：

1. 與油墨的密著性佳。

Good adhesion with printing ink

2. 消光性優良。

Excellent mating property

3. 可用於聯機印刷上光。

Suited for inline printing varnish

4. 符合歐洲環保規範。

Match European environmental regulation

l、加工設備及操作條件：

Processing equipment and operating conditions：

1. 設備：

Equipment：

印刷機上光座滾筒塗布或離線
上光機塗布。

Varnish roller coater on printing machine or offline
varnish coating machine.

2. 操作條件：

Operating conditions：

乾燥條件：使用短波紅外線乾燥。 Drying condition：Dry with short wave infrared rays

CH-20304



Water Base Materials
環保型水性樹脂 Respectful of environment type water base resin

水性裱膠油 Water base OPP laminating adhesive

規格：

1. 產品型號：CH-20402
2. 組成：丙烯酸系樹脂
3. 粘度(Ford cup#4@25°C)：18+/- 2 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份(%)：50 ± 2
7. pH值：7.5 ± 0.5
8. 外部嗅覺：微具氨臭味

特性：

1. 光澤優良。
2. 加工環境佳。
3. 與油墨適應性佳。
4. 乾燥後無味道。
5. 操作性佳。
6. 加工成品品質穩定。
7. 儲存環境溫度不得低於 4°C

加工設備及操作條件：

1. 設備：直立式水性乾式裱膠機。
2. 操作條件：
 - a. 底材為紙張，速度約 20~55 米。
 - b. 乾燥溫度約 65~85°C
 - c. 貼合溫度約 80~90°C
 - d. 壓力約為 180 kg/cm²

Specification：

- Material name：CH-20402
Composition：Copolymer of acrylate Emulsion
Viscosity (Ford cup#4@25°C)：18+/- 2 sec.
Appearance：Milky white liquid
Solvent：Water
Solid content(%)：50 ± 2
pH：7.5 ± 0.5
Odor：Slight ammonia odor

Characteristic：

1. High gloss appearance
2. Good operating environment
3. Good ability to printing ink
4. No odor
5. Good operating processing
6. Stable quality for processing
7. Store place the temperature not less than 4°C

Processing equipment and operating conditions：

1. Equipment：OPP Laminating machine
2. Operating conditions：
 - a. Applied on paper, speed control：20~55m / minute
 - b. Drying temperature：65~85°C
 - c. Laminating temperature：80~90°C
 - d. Pressure：about 180 kg/cm²



Water Base Materials

環保型水性樹脂 Respectful of environment type water base resin

水性裱膠油 Water base OPP laminating adhesive

規格： (貼窗專用)

1. 產品型號：CH-20418
2. 組成：丙烯酸系樹脂
3. 粘度(Ford cup#4@25°C)：55 ± 5 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份(%)：47 ± 1
7. pH值：8.7 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification : (For Windows use only)

- Material name : CH-20418
 Composition : Copolymer of acrylate Emulsion
 Viscosity (Ford cup#4@25°C) : 55 ± 5 sec.
 Appearance : Milky white liquid
 Solvent : Water
 Solid content(%) : 47 ± 1
 pH : 8.7 ± 0.5
 Odor : Slight ammonia odor

特性：

1. 光澤優良。
2. 加工環境佳。
3. 與油墨適應性佳。
4. 乾燥後無味道。
5. 操作性佳。
6. 加工成品品質穩定。
7. 儲存環境溫度不得低於 4°C

Characteristic :

1. High gloss appearance
2. Good operating environment
3. Good ability to printing ink
4. No odor
5. Good operating processing
6. Stable quality for processing
7. Store place the temperature not less than 4°C

加工設備及操作條件：

1. 設備：直立式水性乾式裱膠貼窗兩用機。
2. 操作條件：
 - a. 底材為紙張，速度約 10~20 米。
 - b. 乾燥溫度約 65~85°C。
 - c. 貼合溫度約 80~90°C。
 - d. 壓力約為 180 kg/cm²。

Processing equipment and operating conditions :

1. Equipment : OPP Laminating dual machine
2. Operating conditions :
 - a. Applied on paper, speed control : 10~20 m / minute
 - b. Drying temperature : 65~85°C
 - c. Laminating temperature : 80~90°C
 - d. Pressure : about 180 kg/cm²



Water Base Materials
環保型水性樹脂 Respectful of environment type water base resin

水性裱膠油 Water base OPP laminating adhesive

規格：

1. 產品型號：CH-20419
2. 組成：丙烯酸系樹脂
3. 粘度(Ford cup#4@25°C)：20 ± 2 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份(%)：48 ± 2
7. pH值：8.8 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification：

- Material name：CH-20419
Composition：Copolymer of acrylate Emulsion
Viscosity (Ford cup#4@25°C)：20 ± 2 sec.
Appearance：Milky white liquid
Solvent：Water
Solid content(%)：48 ± 2
pH：8.8 ± 0.5
Odor：Slight ammonia odor

特性：

1. 光澤優良。
2. 加工環境佳。
3. 與油墨適應性佳。
4. 乾燥後無味道。
5. 操作性佳。
6. 加工成品品質穩定。
7. 儲存環境溫度不得低於 4°C

Characteristic：

1. High gloss appearance
2. Good operating environment
3. Good ability to printing ink
4. No odor
5. Good operating processing
6. Stable quality for processing
7. Store place the temperature not less than 4°C

加工設備及操作條件：

1. 設備：直立式水性乾式裱膠機。
2. 操作條件：
 - a. 底材為紙張，速度約 20~55 米。
 - b. 乾燥溫度約 65~85°C。
 - c. 貼合溫度約 80~90°C。
 - d. 壓力約為 180 kg/cm²。

Processing equipment and operating conditions：

1. Equipment：OPP Laminating machine
2. Operating conditions：
 - a. Applied on paper, speed control：20-55m / minute
 - b. Drying temperature：65-85°C
 - c. Laminating temperature：80-90°C
 - d. Pressure：about 180 kg/cm²



Water Base Materials

環保型水性樹脂 Respectful of environment type water base resin

水性裱膠油 Water base OPP laminating adhesive

規格：

1. 產品型號：CH-20420
2. 組成：丙烯酸系樹脂
3. 粘度(Ford cup#4@25°C)：16.5 ± 1 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份(%)：48 ± 2
7. pH值：8.6 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification：

- Material name：CH-20420
 Composition：Copolymer of acrylate Emulsion
 Viscosity (Ford cup#4@25°C)：16.5 ± 1 sec.
 Appearance：Milky white liquid
 Solvent：Water
 Solid content(%)：48 ± 2
 pH：8.6 ± 0.5
 Odor：Slight ammonia odor

特性：

1. 光澤優良。
2. 加工環境佳。
3. 與油墨適應性佳。
4. 乾燥後無味道。
5. 操作性佳。
6. 加工成品品質穩定。
7. 儲存環境溫度不得低於 4°C

Characteristic：

1. High gloss appearance
2. Good operating environment
3. Good ability to printing ink
4. No odor
5. Good operating processing
6. Stable quality for processing
7. Store place the temperature not less than 4°C

加工設備及操作條件：

1. 設備：直立式水性乾式裱膠機。
2. 操作條件：
 - a. 底材為紙張，速度約 20~55 米。
 - b. 乾燥溫度約 65~85°C。
 - c. 貼合溫度約 80~90°C。
 - d. 壓力約為 180 kg/cm²。

Processing equipment and operating conditions：

1. Equipment：OPP Laminating machine
2. Operating conditions：
 - a. Applied on paper, speed control：20~55m / minute
 - b. Drying temperature：65~85°C
 - c. Laminating temperature：80~90°C
 - d. Pressure：about 180 kg/cm²



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

B. 水性磨光油 Rub Resistance water base overprinting varnish for endless calender

- a、規格： Specification :
1. 產品型號： Material name : **CH-30202**
 2. 組成：聚丙烯酸酯之乳液分散液 Composition : Emulsion of polyacrylate
 3. 粘度 (Ford cup#4@25) : 55 ±5 sec. Viscosity (Ford cup#4@25) : 55 ±5 sec.
 4. 色澤：乳黃色乳液 Appearance : Milky yellow liquid
 5. 溶劑：水 Solvent : Water
 6. 固型份 (%) : 43 ± 2 Solid content (%) : 43 ± 2
 7. pH 值 : 8.0 ± 0.5 pH : 8.0 ± 0.5
 8. 外部嗅覺：微具氨臭味 Odor : Slight ammonia odor
- b、特性： Characteristic :
1. 與油墨密著佳。 Good adhesion with printing ink
 2. 乾燥性佳。 Fast drying
 3. 離型性佳。 Good mold releasing
 4. 光澤性高。 High gloss appearance
 5. 耐磨性佳。 Good abrasion resistance
- c、加工設備及操作條件： Processing equipment and operating conditions :
1. 設備： Equipment :
- 印刷機上光座滾筒塗布或離線
上光機塗布=> 壓光滾筒。 Varnish roller coater on printing machine or offline
varnish coating machine => Press cylinder
2. 操作條件： Operating conditions :
- 乾燥條件：使用短波紅外線乾燥。 Drying conditions : Drying with short wave infrared
rays
- 壓光滾筒條件： Press cylinder conditions :
- a. 壓力：150-200 kg/cm²。 Pressure : 150-200 kg/cm²
 - b. 溫度：95-110 。 Temperature : 95-110
 - c. 白鐵皮長度：長於 10 米。 Length of stainless steel sheet : Longer than 10M

CH-30202



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

C. 水性磨光油 Rub Resistance water base overprinting varnish for endless calender

- a、規格： Specification :
1. 產品型號： Material name : **CH-30203**
 2. 組成：聚丙烯酸酯之乳液分散液 Composition : Emulsion of polyacrylate
 3. 粘度 (Ford cup#4@25) : 55 ±5 sec. Viscosity (Ford cup#4@25) : 55 ±5 sec.
 4. 色澤：乳黃色乳液 Appearance : Milky yellow liquid
 5. 溶劑：水 Solvent : Water
 6. 固型份 (%) : 43 ± 2 Solid content (%) : 43 ± 2
 7. pH 值 : 8.0 ± 0.5 pH : 8.0 ± 0.5
 8. 外部嗅覺：微具氨臭味 Odor : Slight ammonia odor
- b、特性： Characteristic :
1. 與油墨密著佳。 Good adhesion with printing ink
 2. 乾燥性佳。 Fast drying
 3. 離型性佳。 Good mold releasing
 4. 光澤性高。 High gloss appearance
 5. 耐磨性佳。 Good abrasion resistance
- c、加工設備及操作條件： Processing equipment and operating conditions :
1. 設備： Equipment :
- 印刷機上光座滾筒塗布或離線
上光機塗布=> 壓光滾筒。 Varnish roller coater on printing machine or offline
varnish coating machine => Press cylinder
2. 操作條件： Operating conditions :
- 乾燥條件：使用短波紅外線乾燥。 Drying conditions : Drying with short wave infrared
rays
- 壓光滾筒條件： Press cylinder conditions :
- a. 壓力：150-200 kg/cm²。 Pressure : 150-200 kg/cm²
 - b. 溫度：95-110 。 Temperature : 95-110
 - c. 白鐵皮長度：長於 10 米。 Length of stainless steel sheet : Longer than 10M

CH-30203



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

D. 水性磨光油 Water base overprinting varnish for endless calender

- a、規格： Specification :
1. 產品型號： Material name : **CH-30209 / CH30210 / CH-30211**
 2. 組成：聚丙烯酸酯之乳液分散液 Composition : Emulsion of polyacrylate
 3. 粘度 (Ford cup#4@25) : 55 ± 5 sec. Viscosity (Ford cup#4@25) : 55 ± 5 sec.
 4. 色澤：乳黃色乳液 Appearance : Milky yellow liquid
 5. 溶劑：水 Solvent : Water
 6. 固型份 (%) : 41 ± 1 Solid content (%) : 41 ± 1
 7. pH 值 : 8.0 ± 0.5 pH : 8.0 ± 0.5
 8. 外部嗅覺：微具氨臭味 Odor : Slight ammonia odor
- b、特性： Characteristic :
1. 與油墨密著佳。 Good adhesion with printing ink
 2. 乾燥性佳。 Fast drying
 3. 離型性佳。 Good mold releasing
 4. 光澤性高。 High gloss appearance
 5. 耐磨性佳。 Good abrasion resistance
- c、加工設備及操作條件： Processing equipment and operating conditions :
1. 設備： Equipment :
印刷機上光座滾筒塗布或離線 Varnish roller coater on printing machine or offline
上光機塗布=> 壓光滾筒。 varnish coating machine => Press cylinder
 2. 操作條件： Operating conditions :
乾燥條件：使用短波紅外線乾燥。 Drying conditions : Drying with short wave infrared rays
壓光滾筒條件： Press cylinder conditions :
 - a. 壓力：150-200 kg/cm²。 Pressure : 150-200 kg/cm²
 - b. 溫度：95-110 。 Temperature : 95-110
 - c. 白鐵皮長度：長於 10 米。 Length of stainless steel sheet : Longer than 10M

CH-30209 / CH-30210 / CH-30211



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C. 水性吸塑油 Water base for PET blister packing

d. 規格：

1. 產品型號：
2. 組成：聚丙烯酸酯之乳液分散液
3. 粘度 (Ford cup#4@25) : 25 ± 5 sec.
4. 色澤：乳白色乳液
5. 溶劑：水
6. 固型份 (%) : 42 ± 2
7. pH 值：8.0 ± 0.5
8. 外部嗅覺：微具氨臭味

Specification :

Material name : **CH-31806**
Composition : Emulsion of polyacrylate & polyurethane
Viscosity(Ford cup#4@25): 12 ± 3 sec.
Appearance : Milky white liquid
Solvent : Water
Solid content (%) : 32 ± 3
pH : 8.5 ± 0.5
Odor : Slight ammonia odor

e. 特性：

1. 光澤度佳
2. 乾燥性佳
3. 不黃變
4. 乾燥後無味道
5. 操作性佳
6. 與 PVC 泡殼密著性佳

Characteristic :

High gloss appearance
Fast drying
Non-yellowing
No odor
Good operating processing
Good adhesion with PVC shell

f. 加工設備及操作條件：

Processing equipment and operating conditions :

1. 設備：

Equipment :

離線上光機塗布。

Offline varnish coating machine.

2. 操作條件：

Operating conditions :

乾燥條件：使用短波紅外線乾燥 Drying conditions : Dry with short wave infrared rays

CH-31806



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二、環保型 UV 樹脂

Respectful of environment type UV resin

B. UV 光油

UV curing gloss varnish

a、規格：

Specification :

1. 產品型號：
2. 組成：環氧壓克力樹脂
3. 粘度 (cps@25) : 150 ~ 250
4. 色澤：淡黃色液體
5. 溶劑：-----
6. 有效成份 (%) : 99
7. 外部嗅覺：微具氨臭味

Material name : **CH-70114**
Composition : Epoxy acrylate resin
Viscosity (cps@25) : 150 ~ 250
Appearance : Light yellow liquid
Solvent : -----
Effective ingredient (%) : 99
Odor : Slight ammonia odor

b、特性：

Characteristic :

1. 乾燥速度快。
2. 操作簡單。
3. 平坦性及光澤優良。
4. 耐磨性及抗化性高。
5. 加工時間短。
6. 適用加工材質廣。

Fast drying
Easy to operate
Good leveling and gloss
Good abrasion resistance and chemical resistance
Short processing time
Suitable for wide range materials processing

c、加工設備及操作條件：

Processing equipment and operating conditions :

1. 設備：

Equipment :

印刷機上光座滾筒塗布或離線
上光機塗布。

Varnish roller coater on printing machine or offline
varnish coating machine

2. 操作條件：

Operating conditions :

聚合條件：UV 照光 (80watt/cm
高壓水銀燈或金屬鹵素燈)

Polymerization conditions : UV curing (80watt/cm
high pressure mercurial light or metallic halogen
light)

CH-70114



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

三、環保型 UV 樹脂

B. UV 光油

a、規格：

1. 產品型號：
2. 組成：環氧壓克力樹脂
3. 粘度
(Brookfield) cps : 180 ± 20

4. 色澤：淡黃色液體
5. 外部嗅覺：微具氨臭味

Respectful of environment type UV resin

UV curing gloss varnish

Specification :

Material name : **CH-70117**

Composition : Epoxy acrylate resin

Viscosity : 180 ± 20

cps@25) (Ford 4# cup) 45 ± 5 sec

Appearance : Light yellow liquid

Odor : Slight ammonia odor

b、特性：

7. 乾燥速度快。
8. 操作簡單。
9. 平坦性及光澤優良。
10. 耐磨性及抗化性高。
11. 加工時間短。
12. 適用加工材質廣。

Characteristic :

Fast drying

Easy to operate

Good leveling and gloss

Good abrasion resistance and chemical resistance

Short processing time

Suitable for wide range materials processing

c、加工設備及操作條件：

1. 設備：

印刷機上光座滾筒塗佈或離線
上光機塗佈。

Processing equipment and operating conditions :

Equipment :

Varnish roller coater on printing machine or offline
varnish coating machine

2. 操作條件：

聚合條件:UV 照光(80-82watt/cm
高壓水銀燈或金屬鹵素燈)

Operating conditions :

Polymerization conditions : UV curing(80-82 watt/cm

With one UV lamp

approx. 25 M/min

With two UV lamp

approx. 50 M/min

With three UV lamp

approx. 75 M/min

Notes:

1. Store at cool temperature, never expose to high heat or direct sunshine.
2. Once opened, should use it up as soon as possible. Do not expose it to the sun.
3. Use alcohol or IPA for machine cleaning.

Packing (Net Weight)

200 Kg / drum or 20 Kg iron pail.

CH-70117



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

四、環保型 UV 樹脂

B. UV 光油

a、規格：

1. 產品型號：
2. 組成：環氧壓克力樹脂
3. 粘度
(Brookfield) cps : 180 ± 20

4. 色澤：淡黃色液體
5. 外部嗅覺：微具氨臭味

Respectful of environment type UV resin

UV curing gloss varnish

Specification :

Material name : **CH-70117S**

Composition : Epoxy acrylate resin

Viscosity : 180 ± 20

cps@25) (Ford 4# cup) 45 ± 5 sec

Appearance : Light yellow liquid

Odor : Slight ammonia odor

b、特性：

13. 乾燥速度快。
14. 操作簡單。
15. 平坦性及光澤優良。
16. 耐磨性及抗化性高。
17. 加工時間短。
18. 適用加工材質廣。

Characteristic :

Fast drying

Easy to operate

Good leveling and gloss

Good abrasion resistance and chemical resistance

Short processing time

Suitable for wide range materials processing

c、加工設備及操作條件：

1. 設備：

印刷機上光座滾筒塗佈或離線
上光機塗佈。

Processing equipment and operating conditions :

Equipment :

Varnish roller coater on printing machine or offline
varnish coating machine

2. 操作條件：

聚合條件:UV 照光(80-82watt/cm
高壓水銀燈或金屬鹵素燈)

Operating conditions :

Polymerization conditions : UV curing(80-82 watt/cm

With one UV lamp

approx. 25 M/min

With two UV lamp

approx. 50 M/min

With three UV lamp

approx. 75 M/min

Notes:

1. Store at cool temperature, never expose to high heat or direct sunshine.
2. Once opened, should use it up as soon as possible. Do not expose it to the sun.
3. Use alcohol or IPA for machine cleaning.

Packing (Net Weight)

200 Kg / drum or 20 Kg iron pail.

CH-70117S



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CHWEN SHYANG ENTERPRISE CO., LTD

五、環保型 UV 樹脂

B. UV 光油

a、規格：

1. 產品型號：
2. 組成：環氧壓克力樹脂
3. 粘度
(Brookfield) cps : 180 ± 20

4. 色澤：淡黃色液體
5. 外部嗅覺：微具氨臭味

Respectful of environment type UV resin

UV curing gloss varnish

Specification :

Material name : **CH-70118**

Composition : Epoxy acrylate resin

Viscosity : 180 ± 20

cps@25) (Ford 4# cup) 35 ± 5 sec

Appearance : Light yellow liquid

Odor : Slight ammonia odor

b、特性：

19. 乾燥速度快。
20. 操作簡單。
21. 平坦性及光澤優良。
22. 耐磨性及抗化性高。
23. 加工時間短。
24. 適用加工材質廣。

Characteristic :

Fast drying

Easy to operate

Good leveling and gloss

Good abrasion resistance and chemical resistance

Short processing time

Suitable for wide range materials processing

c、加工設備及操作條件：

1. 設備：

印刷機上光座滾筒塗佈或離線
上光機塗佈。

Processing equipment and operating conditions :

Equipment :

Varnish roller coater on printing machine or offline
varnish coating machine

2. 操作條件：

聚合條件:UV 照光(80-82watt/cm
高壓水銀燈或金屬鹵素燈)

Operating conditions :

Polymerization conditions : UV curing(80-82 watt/cm

With one UV lamp

approx. 25 M/min

With two UV lamp

approx. 50 M/min

With three UV lamp

approx. 75 M/min

Notes:

1. Store at cool temperature, never expose to high heat or direct sunshine.
2. Once opened, should use it up as soon as possible. Do not expose it to the sun.
3. Use alcohol or IPA for machine cleaning.

Packing (Net Weight)

200 Kg / drum or 20 Kg iron pail.

CH-70118



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CHWEN SHYANG ENTERPRISE CO., LTD

六、環保型 UV 樹脂

B. UV 光油

a、規格：

1. 產品型號：
2. 組成：環氧壓克力樹脂
3. 粘度
(Brookfield) cps : 1800 ± 200

4. 色澤：淡黃色液體
5. 外部嗅覺：微具氨臭味

Respectful of environment type UV resin

UV curing gloss varnish

Specification :

Material name : **CH-70119**

Composition : Epoxy acrylate resin

Viscosity : 1800 ± 200

cps@25) (Ford 4# cup) 300 ± 20 sec

Appearance : Light yellow liquid

Odor : Slight ammonia odor

b、特性：

25. 乾燥速度快。
26. 操作簡單。
27. 平坦性及光澤優良。
28. 耐磨性及抗化性高。
29. 加工時間短。
30. 適用加工材質廣。

Characteristic :

Fast drying

Easy to operate

Good leveling and gloss

Good abrasion resistance and chemical resistance

Short processing time

Suitable for wide range materials processing

c、加工設備及操作條件：

1. 設備：

印刷機上光座滾筒塗佈或離線
上光機塗佈。

Processing equipment and operating conditions :

Equipment :

Varnish roller coater on printing machine or offline
varnish coating machine

2. 操作條件：

聚合條件:UV 照光(80-82watt/cm
高壓水銀燈或金屬鹵素燈)

Operating conditions :

Polymerization conditions : UV curing(80-82 watt/cm

With one UV lamp

approx. 25 M/min

With two UV lamp

approx. 50 M/min

With three UV lamp

approx. 75 M/min

Notes:

1. Store at cool temperature, never expose to high heat or direct sunshine.
2. Once opened, should use it up as soon as possible. Do not expose it to the sun.
3. Use alcohol or IPA for machine cleaning.

Packing (Net Weight)

200 Kg / drum or 20 Kg iron pail.

CH-70119



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B. 特殊用途 UV 續花

Special end use UV resin :

a、規格：

Specification :

- | | | |
|------------------------------|------------------------------|--|
| 1. 產品型號： | Material name : | CH-92301 (Silk screen crystal UV varnish) |
| 2. 組成：環氧壓克力樹脂 | Composition : | Epoxy acrylate resin |
| 3. 粘度 (cps@25) : 1000~1500 | Viscosity (cps@25) : | 1000~1500 |
| 4. 色澤：淡黃色液體 | Appearance : | Light yellow liquid |
| 5. 溶劑：----- | Solvent : | ----- |
| 6. 有效成份 (%) : 99 | Effective ingredient (%) : | 99 |
| 7. 外部嗅覺：微具氨臭味 | Odor : | Slight ammonia odor |

b、特性：

Characteristic :

- | | |
|------------|------------------------|
| 1. 紋路清晰。 | Clear Texture |
| 2. 漆膜柔韌性佳。 | Flexible coating layer |
| 3. 密著性佳。 | Superior adhesion |

c、加工設備及操作條件：

Processing equipment and operating condition :

1. 設備：

Equipment :

網板塗布上光機塗布。

Screen printing varnishing machine

2. 操作條件：

Operating conditions :

a.網板目數：150 目~350 目,絲網印刷。

Screen mesh : 150 mesh~350 mesh , Screen printing

b.輸送帶速度：

Belt speed control :

先開一支120w/cm弱燈(120mj/cm²) , 使續花成型, 輸送帶速度控制在5~10 m/Min(輸送帶速度可控制續花的大小, 速度快則續花大; 速度慢則續花小)。

The transporting belt can control the size of ice spot, the faster the bigger, the slower the smaller

再以二支120w/cm強燈 (4200mj/cm²) 固化完成。

CH-92301



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

CH-92401 - Scrub UV curing Varnish (UV 細磨砂 191)

產品規格

組成 : 環氧壓克力樹脂
粘度 (cps/25) : 糊狀
色澤 : 混濁乳黃色
溶劑 : -----
有效成份 (%) : 99
外部嗅覺 : 微具氨臭味

主要用途

絲網印紫外線固化金油
磨砂手感絲網印
紙張上光

應用試驗

.加工製程:

CH-92401=> 網印塗佈 (80~200
meshes) => UV 照光
(80watt × 10 m/min)

.塗膜特性 :

- (1) 磨砂手感佳
- (2) 磨砂排列整齊
- (3) 硬度高
- (4) 可撓性好
- (5) 密著性佳
- (6) 耐黃變佳

Product specifications

Components: acrylic epoxy resin
Viscosity (cps/25): Paste
Color: yellow haze milk
Solvent :-----
Active ingredient (%): 99
External sense of smell: a micro-ammonia smell

The main purpose

Silk Screen Printing UV curing the oil
Scrub hands feeling Screen Printing
Color paper over print varnish

Application of

Machining process:

CH-92401 => Screen Printing coating (80 ~ 200 meshes)
=> UV phototherapy
(80watt × 10 m / min)

Coating characteristics:

- (1) Scrub feeling is good
- (2) scrub-lined
- (3) high hardness
- (4) Flexible good
- (5) the adhesive is good
- (6) resistant to yellowing good

CH-92401



純祥實業股份有限公司
CHWEN SHYANG ENTERPRISE CO., LTD

CH-92403 - Scrub UV curing Varnish (UV 超粗磨砂 220)

產品規格

組成 : 環氧壓克力樹脂
粘度 (cps/25) : 糊狀
色澤 : 混濁乳黃色
溶劑 : -----
有效成份 (%) : 99
外部嗅覺 : 微具氨臭味

主要用途

絲網印紫外線固化金油
磨砂手感絲網印
紙張上光

應用試驗

.加工製程:

CH-92403> 網印塗佈 (80~200 meshes)
=> UV 照光
(80watt × 10 m/min)

.塗膜特性 :

- (1) 磨砂手感佳
- (2) 磨砂排列整齊
- (3) 硬度高
- (4) 可撓性好
- (5) 密著性佳
- (6) 耐黃變佳

Product specifications

Components: acrylic epoxy resin
Viscosity (cps/25): Paste
Color: yellow haze milk
Solvent :-----
Active ingredient (%): 99
External sense of smell: a micro-ammonia smell

The main purpose

Silk Screen Printing UV curing the oil
Scrub hands feeling Screen Printing
Color paper over print varnish

Application of

Machining process:

CH-92403 => Screen Printing coating (80 ~ 200 meshes)
=> UV phototherapy
(80watt × 10 m / min)

Coating characteristics:

- (1) Scrub feeling is good
- (2) scrub-lined
- (3) high hardness
- (4) Flexible good
- (5) the adhesive is good
- (6) resistant to yellowing good

CH-92403



CHWEN SHYANG ENTERPRISE CO., LTD.

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TEL : 886 3 4389676 FAX : 886 3 4389686

WEBSITE : <http://www.shm.com.tw>

EMAIL : bonach.a001@bonalight.com.tw

CH-92508- Silk-screen UV varnish

Technical and economic factors have led to a new varnish technology, the Radiation Curing. UV-curing varnishes are converted 100% into varnish films. No solvent escapes into the atmosphere. For the curing, only a fraction of the energy is needed, compared with what is required in conventional thermal drying. Therefore, the radiation curing system has the following characteristics: no pollution, high processing speed, slight energy consumption.

This item is a high viscosity type UV curable glossy print ink that is designed for silk screen printing on paper or plastic surface. It exhibits excellent adhesion, good leveling, no yellowing, no odor, and will not stick to each other while stacking.

SPECIFICATION:

Appearance	: Yellowish, opaque liquid
Viscosity (Brookfield / #4 / 60rpm / 25°C)	: 1600 ± 200 cps
Solid Content	: 99% up by weight
Resin Type	: Epoxy Acrylate

FIELDS OF APPLICATION:

For small-sized silk screen, high-gloss coating of paper, cardboard and various plastics. The range of application is very widespread, for example: labels of all kinds, postcards, record wrappers, posters, book jackets, playing cards and menu cards, folding and telescoping boxes.

DRYING SPEED: (Depending on the film thickness, the UV lamp condition, effects required)

1. UV lamp specs. : 80 ~ 82 W/cm or 200 W/inch

2. With one UV lamp : approx. 10 m/min.

3. With two UV lamps : approx. 20 m/min.

NOTES:

1. Stored at cool temperature, never expose to high heat or direct sunshine.

2. Once opened, should use it up as soon as possible. Do not expose it to the sun.

3. Use Acetone or IPA for machine cleaning.

PACKAGE (NET WEIGHT) :

3 Kg (1 gallon) plastic pail or 20 Kg (5 gallon) plastic pail.

REFERENCE ONLY

CH-92508 Silk-screen UV varnish



CHWEN SHYANG ENTERPRISE CO., LTD.

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CH-92509 - Silk-screen UV varnish

Technical and economic factors have led to a new varnish technology, the Radiation Curing. UV-curing varnishes are converted 100% into varnish films. No solvent escapes into the atmosphere. For the curing, only a fraction of the energy is needed, compared with what is required in conventional thermal drying. Therefore, the radiation curing system has the following characteristics: no pollution, high processing speed, and slight energy consumption.

This item is a high viscosity type UV curable glossy print ink that is designed for silk screen printing on paper or plastic surface. It exhibits excellent adhesion, good leveling, no yellowing, no odor, and will not stick to each other while stacking.

SPECIFICATION:

Appearance	:	Yellowish, opaque liquid
Viscosity (Brookfield / #4 / 60rpm / 25°C)	:	650 ± 100 cps
Solid Content	:	99% up by weight
Resin Type	:	Epoxy Acrylate

FIELDS OF APPLICATION:

For small-sized silk screen , high-gloss coating of paper , cardboard and various plastics. The range of application is very widespread, for example: labels of all kinds, postcards, record wrappers, posters, book jackets, playing cards and menu cards, folding and telescoping boxes.

DRYING SPEED: (Depending on the film thickness, the UV lamp condition, effects required)

- 1.UV lamp specs. : 80 ~ 82 W/cm or 200 W/inch
- 2.With one UV lamp : approx. 10 m/min.
- 3.With two UV lamps : approx. 20 m/min.

NOTES:

- 1.Stored at cool temperature, never expose to high heat or direct sunshine.
- 2.Once opened, should use it up as soon as possible. Do not expose it to the sun.
- 3.Use Acetone or IPA for machine cleaning.

PACKAGE (NET WEIGHT) :

3 Kg (1 gallon) plastic pail or 20 Kg (5 gallon) plastic pail.

REFERENCE ONLY

CH-92509 - Silk-screen UV varnish