

CHUN PAO ENTERPRISE CO., LTD.

Material Safety Data Sheet

I. 物品名稱與廠商資料 Identification of the substance / preparation and company

物品名稱 Product Information : 聚對苯二甲酸乙二醇酯(簡稱聚酯) PET 細片狀			
物品編號 Product Number : (依色號)			
製造商或供應商名稱地址及電話 Information on Producer/Supplier Name、Addresses、Phone : 春寶企業股份有限公司 台灣桃園縣八德市瑞源一街 38 號			
緊急聯絡電話/傳真電話 Emergency Phone / Fax : +886-3-368-5299 / +886-3-365-8808			
製表單位 Compile section	名稱 Name : 春寶企業股份有限公司		
	地址/電話 Address/Phone : +886-3-368-5299		
製表人 Compile editor	職稱 Professional Post :		姓名 Name (Sign) : 毛履芳
	製表日期 Compile Date		
2014/01/26			
文件編號 Document No.		文件類別 Document type	Uncontrolled Document

II. 成分辨識資料 Composition / Information on Ingredients

混合物 Mixing :

化學性質 Chemical Characteristics :			
危害物質成分之中英文名稱 Hazardous Components Name	CAS No.	濃度或濃度範圍 Concentration / Percentage(%)	NFPA 危害等級 NFPA Hazard Rating
PET 薄膜 Polyester Film	25038-59-9	94	None
三聚氰胺樹脂 Melamine resin	108-78-1	2.45	None
丙烯酸樹脂 Acrylic resin	25153-46-2	2.45	None
鋁 Aluminum	7429-90-5	0.15	None
染料 Dye		<1.0	None

* H: Health F: Fire R: Reactivity

III. 危害辨識資料 Hazard Identification :

<p>緊急信息 Information in emergency :</p> <ul style="list-style-type: none"> • 眼睛接觸 Eye Contact : 如不及時清除, 會刺激眼睛, 或傷害眼膜. Irritating and may injure eye tissue if not removed promptly. • 皮膚接觸 Skin Contact : 經常或長期接觸會引起刺激或皮炎, 重複或長期接觸會引起皮膚脫脂, 導致皮膚刺激或乾燥. Frequent or prolonged contact may irritate and cause dermatitis. Repeated or prolonged contact may cause defatting of the skin, which may lead to skin irritation and / or dryness. • 吸入 Inhalation : 吸入過量可能會刺激呼吸道, 引起眼部刺激或嘔吐, 應注意吸入的濃度不要超過 TWA 值. Overexposure may be irritating to respiratory passages and cause other effects such as eye irritation or nausea. Care should be taken not to exceed the TWA. • 食入 Ingestion : 刺激口, 喉, 胃. 可能會引起胃部紊亂或傷害. 在吞食或嘔吐時少量液體會滲入呼吸系統, 可能會引起肺部浮腫, 支氣管肺炎. Irritating to mouth, throat and stomach. May cause gastric tract disorder and / or damage. Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting, may cause bronchopneumonia of pulmonary edema.

IV. 急救措施 First Aid Measures :

<ul style="list-style-type: none"> • 吸入 Inhalation : 將患者移至空氣清新處. 如果呼吸困難, 立即供氧; 如果呼吸停止, 立即施予人工呼吸並送醫治療. Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.

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- 皮膚接觸 **Skin Contact** : 以大量清水或肥皂水洗清. 脫掉嚴重污染的衣服, 鞋. 在再穿之前洗淨, 如果刺激持續, 請就醫. Flush with large amount of water; Use soap if available. Remove grossly contaminated clothing, including shoes and launder before re-use. Discard shoes. If irritation persists, get medical attention.
- 眼睛接觸 **Eye Contact** : 立即翻起上下眼皮以大量水沖洗 15 分以上, 並及時送醫治療. Immediately flush eyes with large amount of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical
- 食入 **Ingestion** : 避免催吐, 如患者清醒, 給予牛奶或水以稀釋胃液, 注意保暖, 保持休息, 並送醫治療. Do not induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention.

對醫師之提示 **Note to physician**: 若是吸入, 請考慮輸氧, 若是食入, 應考慮胃的傷害, 避免碳酸鹽或重碳酸鹽. For inhalation, consider oxygen. For ingestion, consider gastric ravage. Avoid carbonates, bicarbonates.

V. 滅火措施 Fire Fighting Measure :

閃點 **Flash Point** : °C

自燃性 **Autoignition** : °C

燃燒上下限 **Low / Upper Flammable limits** :

適用滅火劑 **Extinguishing Media** : 使用水霧, 泡沫, 化學乾粉或二氧化碳滅火劑. Use water spray, foam, dry chemical or carbon dioxide.

滅火程式 **Fire fighting procedures**: 消防人員須佩戴便攜式呼吸器以防止有毒或刺激性氣體. Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

危害分解物 **Hazardous Decomposition**: 熱分解時會產生一氧化碳, 未知的有機化合物. Thermal decomposition could produce carbon monoxide, unidentified organic compounds.

VI. 洩漏處理方法 Accidental Release Measures

洩漏處理程式 **Spill and leak procedure**: 熄滅火源, 若無危險, 盡量堵住外泄物. 若少量洩漏, 用沙或吸附性物質吸幹; 若洩露量大, 先築堤將外泄物圍堵, 等待處理. 危險場所不能有煙火, 並隔離閑人. Shut off ignition sources. Stop leak if you can do it without risk. For small liquid spills, take up with sand or other absorbent material. For larger spills, dike far ahead of spill for later disposal. No smoking, flares or flames in hazard area. Keep unnecessary people away.

環境保護 **Environmental protection** : 防止擴散, 避免流入下水道. Prevent diffusion, Prevent entry into the sewage system.

為了安全和環境的預防, 請參考完整的 MSDS 資料. For safety and environmental precautions please review entire MATERIAL SAFETY DATA SHEET, for necessary information.

VII. 安全處置與儲存方法 Handling and Storage

處置 **Handling** : 保持工作場所通風良好. Ensure efficient exhaust ventilation in the working area.

儲存 **Storage** : 密封儲存於 5--40°C. Keep container tightly closed and store between 5°C and 40°C.

VIII. 暴露預防措施 Exposure Control / Personal Protection

暴露界限 **Exposure limits**

成分 Component	TWA	
	OSHA	ACGIH

個人防護設備 **Personal Protection Equipment** :

- 通風防護 **Ventilation protection** : 保持工作場所通風良好. Ensure efficient exhaust ventilation in the working area.
- 呼吸防護 **Respirator protection**: 避免過長或重複呼吸其蒸氣或煙霧, 若超過職業暴露限制, 請佩戴 NIOSH 確認的呼吸器. Avoid prolonged or repeated breathing of vapor or mists. If exposure may exceed occupational exposure limits, use a NIOSH approved respirator to prevent overexposure.
- 眼部防護 **Eye protection** : 戴護目鏡. Wear chemical goggles.
- 手部防護 **Hand protection** : 戴橡膠手套. Impervious neoprene or rubber gloves are recommended.
- 衣服防護 **Clothing protection** : 使用符合衛生標準的衣服. Standard industrial hygiene procedures should be practiced.

衛生措施 **Hygiene Procedures** : 遵循一般預防措施, 污染的衣物立即更換, 工作後洗手. Observe the common precautionary measure, contaminated clothes must be changed immediately. Wash hands after work is

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completed.

IX. 物理及化學性質 Physical and Chemical Properties / Characteristics

外觀 **Appearance** : 固體 Solid

沸點/沸點範圍 **Boiling Point / Boiling Range**: 100 °C

氣味 **Odour** : 無 Flavorless

比重 **Specific Gravity** : 1.4(Water=1)

溶解度 **Solubility in Water** :

X. 安定性及反應性 Stability and Reactivity

安定性 **Stability** : 安定. Stable.

應避免之狀況 **Conditions to Avoid** : 遠離火源. Keep away from flame.

應避免之物質 **Incompatibility** :

危害分解物 **Hazardous Decomposition Products** : CO or CO₂

XI. 廢棄處置方法 Disposal Information

廢棄處置方法 **Waste disposal methods** : 依聯邦, 國家或地方法規處理. Waste disposal should be in accordance with existing federal, state and local environmental regulations.

空容器警告 **Empty containers warnings** : 空容器可能含有化學殘留物, 即使已倒空, 也要參照物質安全資料表 & 標籤處理. Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

XII. 運輸資料 Transport Information

海運名稱 Dot Shipping Name	UN Number	危害等級 Dot Hazard Class	包裝分類 PCK GRP
NONE	NONE	NONE	NONE

XIII. 法規資料 Regulation Information

- TSCA: 所有成分都在 TSCA 詳細目錄中. All components are on the TSCA inventory.
- 歐共體危險, 安全短語 EC Risk and Safety Phrases:
 - R11 : 高度易燃. Highly flammable.
 - R36 : 刺激眼睛. Irritating to eyes.
 - R66 : 重複的接觸會引起皮膚乾燥或裂口. Repeated exposure may cause skin dryness or cracking.
 - R67 : 蒸汽可能引起睡眠或頭暈. Vapours may cause drowsiness and dizziness.
 - S09 : 放置於通風良好的地方. Keep container in a well ventilated place.
 - S16 : 遠離火源, 嚴禁吸煙. Keep away from sources of ignition-No smoking.
 - S25 : 避免接觸到眼睛與皮膚. Avoid contact with skin and eyes.
 - S33 : 防止靜電. Take precautionary measures against static discharges.
 - S43 : 在發生火災時用沙, 土, 化學粉末, 酒精, 泡沫等滅火. In case of fire use sand, earth, chemical powder or alcohol type foam.

XIV. 其他資料 Other Information

本資料只適用於產品本身, 不適用於和其他混合使用. 根據我們的研究和可靠的資料, 我們認為它是精確的, 但不保證它的精確性. The information given and the recommendations made herein apply to our products alone and not combined with other products. Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made.