



Material Safety Data Sheet—物质安全资料表

General Packaging Board (FBB/GC1), General Packaging Board (FBB/GC1/Super Hi-bulk),
General Packaging Board (High Brightness SBS)

高档涂布白卡纸 (FBB/GC1), 超高松厚涂布白卡纸 (FBB/GC1), 高档 SBS 涂布白卡纸
(高白)

1. Product/Company

产品/公司

Product: 产品

General Packaging Board (FBB/GC1), General Packaging Board (FBB/GC1/Super Hi-bulk),
General Packaging Board (High Brightness SBS)

高档涂布白卡纸 (FBB/GC1), 超高松厚涂布白卡纸 (FBB/GC1), 高档 SBS 涂布白卡
纸 (高白)

Company: 公司

Asia Symbol (Shandong) Pulp and Paper Co., Ltd.

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2. Hazards identification

危害鉴定

2.1 Classification of the substance or mixture

Mixture

2.2 Label elements

The product does not require a hazard warning label.

2.3 Other hazards

UN Classification and UN number: without the United Nations on the classification defined hazardous materials.

联合国分类以及联合国 编号：不含联合国分类中定义的危险物。

Dangerous and hazardous classification: this product is not classified as dangerous goods/toxicity. But this product is heated on fire.

危险有害性的分类：本产品不属于危险品/有毒品。但本品加热可着火。

3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Material ingredients: the ingredients in the substance contents (%)

物质成分：物质中的成分以及含量（%）（见下页）

成分名称 Name	CAS#	含量 Content (%)
植物纤维 Cellulose fibers	65996-91-4	81~83
水 Water	7732-18-5	6.5~8.0
淀粉 Starch	9005-25-8	1.5~2.0
碳酸钙 CaCO ₃	14807-96-6	9~13
瓷土 Clay	1332-58-7	0.7~1.0
胶乳 Latex	9003-55-8	0.8~1.2
CMC	9004-32-4	0.02~0.04
润滑剂 Lubricant	1592-23-0	0.03~0.06
抗水剂 water-repellent agent	23570-56-1	0.02~0.04
分散剂 Dispersant	9003-04-7	0.01~0.013
OBA	16470-24-9	0.003~0.004
AKD	144245-85-2	0.03~0.05
助留助滤剂 Retention and Drainage aid	9003-05-8	微量 micro scale
消泡剂 Defoamer	/	微量 micro scale
杀菌剂 Biocide	7783-20-2、25265-71-8	微量 micro scale

4. First aid measures

急救措施

Cut are possible when handing this product. Provide first aid as any other cut or abrasion.

在本产品的操作中有可能发生割伤。急救措施同于其他割伤或擦伤。

5. Fire fighting measures

灭火措施

Combustible

易燃的

Extinguishing media: Foam, carbon dioxide or water

适用灭火剂：泡沫、二氧化碳或水

6. Accidental release measures

泄露处理方法

No spill or release expected.

无溢出或泄露现象

7. Handling and storage

安全处置与储存办法

Handling: with proper handling techniques.

采用适当处理方法

Storage: storage in T: $23\pm 3^{\circ}\text{C}$, RH: $50\pm 5\%$

储存：温度 T: $23\pm 3^{\circ}\text{C}$ ，相对湿度： $50\pm 5\%$

If the storage not in air-condition will cause dimensional more instability, like curling, shrunken edge and corrugated edge.

如果存储在没有温湿度控制的环境下，将会引起产品尺寸不稳定，例如翘曲、紧边、荷叶边。

8. Exposure controls and personal protection

暴露预防措施及个人防护措施

No further requirements.

无须

9. Physical and chemical properties

物理及化学性能

Color:	white
颜色:	白色
Odour:	odourless
气味:	无味
Flaming point:	232°C (450° F)
燃点:	232°C (450° F)
pH:	6~7.5 (Surface)
Solubility in water:	not soluble
水溶性:	不可溶

10. Stability and reactivity

稳定性和反应性

Stability: stable

稳定性: 稳定

Conditions to avoid: avoid open flame and sparks

避免条件: 明火和火花

Incompatibility (materials to avoid): bromine pentafluoride (BrF₅), hydrogen peroxide (H₂O₂), sodium hypochlorite (NaClO), sodium nitrate (NaNO₃), fluorine (F₂), strong oxidizing agents.

不相容 (避免的材料): 氟化溴、过氧化氢、次氯酸钠、硝酸钠、氟气、强氧化剂

Hazardous decomposition or by-products: combustion products include carbon monoxide (CO) and carbon dioxide (CO₂).

危险的分解或者副产品: 燃烧产物包括一氧化碳和二氧化碳

11. Ecological information

生态资料

Biodegradable

可生物降解

12. Toxicological information

毒性资料

The board satisfies the criteria as follow:

该纸板满足以下标准:

- a) The content of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls(PBB), Polybrominated biphenyl ethers(PBDE) comply with the limits as set by RoHS Directive 2011/65/EU Annex II ; recasting 2002/95/EC.
产品中镉、铅、汞、六价铬、多溴联苯（PBBs）、多溴二苯醚（PBDEs）含量符合欧盟 RoHS 指令 2002/95/EC 的重订指令 2011/65/EU 附录 II 的限值要求。
- b) The concentrations of DBP, BBP, DEHP in the product comply with the limits as set by Entry 51 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).
产品中邻苯二甲酸二丁酯（DBP）、邻苯二甲酸丁苄酯（BBP）、邻苯二甲酸二（2-乙基己基）酯（DEHP）的质量浓度符合 1907/2006/EC Reach 附录 XVII 的修正指令——552/2009/EC 第 51 条（前身为 2005/84/EC）的要求。
- c) The concentrations of DINP, DNOP, DIDP in the product comply with the limits as set by Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).
产品中邻苯二甲酸异壬酯（DINP）、邻苯二甲酸二正辛酯（DNOP）、邻苯二甲酸二异癸酯（DIDP）的质量浓度符合 1907/2006/EC Reach 附录 XVII 的修正指令——552/2009/EC 第 52 条（前身为 2005/84/EC）的要求。
- d) The sum of total Lead, Cadmium, Mercury, and Hexavalent Chromium content in the product comply with the Limit of TPCH-Toxics in Packaging Clearinghouse (formerly CONEG). And the sum complies with the limit stated in European Council Directive 94/62/EC-Article 11.
产品中的总铅、镉、汞和六价铬含量之和符合美国 TPCH 关于包装材料中有害物质限量的相关规定（前身为 CONEG），也符合欧洲委员会指令 94/62/EC-11 款所述的限量规定。
- e) The content of soluble heavy metal in the product complies with the limit stated in EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements (for scrapped-off toy matrail. And the content complies with the limit stated in American

Society for Testing and Materials-ASTM F 963-11-soluble heavy metal in Substrate Materials.

产品中可溶性重金属含量符合欧盟玩具指令 2009/48/EC 协调标准 EN71-3:2013+A1:2014-元素迁移（针对：可以刮取玩具材料），也符合美国材料与试验协会-ASTM F 963-11——基材中的可溶性重金属含量限量要求。

- f) The sum of 18 PAHs in product complies with ZEK 01.4-08: Restraining maximum values for products.

产品中 18 种多环芳香烃符合欧盟 ZEK 01.04-08：产品最大控制值。

- g) The content of PFOS and related Acid, Metal Salt and Amide in product comply with the limit of regulation (EU) No. 757/2010 amending regulation (EC) No 850/2004.

产品中全氟辛烷磺酰基化合物（PFOS）-酸，金属盐和酰胺的含量符合（EC）No. 850/2004 的修订指令欧盟决议 (EC) No 850/2004。

- h) The products don't contain 161 substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Dec 17, 2014 regarding Regulation (EC) No 1907/2006 concerning the REACH.

产品不含基于欧洲化学品管理署截至 2014 年 12 月 17 日公布的供授权审议的高关注物质候选清单（根据欧盟第 1907/2006/号 REACH 法规）中的 161 种高关注物质（SVHC）。

13. Disposal considerations

废弃处置方法

Recyclable. Disposal / utilization in accordance with the local, official regulations.

可回收。废弃及回收利用依据当地明文规定执行。

14. Transport information

运输资料

Hazards Classification : not classified as a hazardous material

危险级别: 没有被划为危险材料

15. Regulatory information

法规资料

No dangerous product.

无危险产品

16. Other information

其他资料

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Date: 2017-9-5

