



Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Product PC230. U
MSDS No. 02ST013
Date 9.28.2006
Company SILVER AGE ENGINEER PLASTICS CO., LTD
Address Nange, Daojiao Town, Dong Guan City
Phone No. 0769-88387388
Fax No. 0769-88387288

2. INFORMATION ON INGREDIENTS

Chemical Name	PC Resin	Toughening agent	Light stabilizer	Flame retardants	Others
Content	> 93%	< 3%	< 1%	< 2%	< 1%

Impurities Contributing to Hazard

None

3. HAZARDS IDENTIFICATION

Adverse Human Health Effects None
Most Important Hazards None
Environmental Effects None
Physical and Chemical Hazards None

4. FIRST AID MEASURES

Inhalation In case of gases evolving from molten resin, move subject to fresh air. Treat symptomatically.
Skin Contact In case of pellets or powder, wash with water. In case of melt, wash affected skin area and clothing with plenty of (soap and) water, seek medical advise.
Eye Contact In case of pellets or powder, flush with plenty of water for at least 20 minutes. Seek medical advise if any dust particles still remain. In case of gases evolving from melted resin of high temperature, flush with plenty of water for at least 20 minutes. Seek medical advice if necessary.
Ingestion Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Water, Foam, Dry chemical powder
Special Fire-Fighting Procedure Self contained breathing apparatus
Fire and Explosion Hazards None

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning up Recovery if not contaminated or disposal
Personal Precautions Pellets or powder remained on ground may cause slipping
Environmental Precautions Gather pellets and powder thoroughly to avoid birds or fishes taking from draining water.



7. HANDLING AND STORAGE

Handling Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of powder, electrostatics eliminators and grounding should be fixed to such equipments as air transferring pipes, bag filters and hoppers. Use electrically conductive filters for bag filters.

Storage Keep the material at a cool dry place. Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold Limit Value Not determined

Ventilation Necessary to exclude dust, fumes and gases.

Personal Protection **Eye** Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machine.

Respiratory Wear masks for cleaning molding machine.

Gloves Necessary for handling molten resin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Transparent, all colour pellets

Specific Gravity 1.18-1.21

Solubility Insoluble in water

10. STABILITY AND REACTIVITY

Stability Stable and non-reactive under normal handling and storage conditions.

Thermal Decomposition Gases CO.

11. TOXICOLOGICAL INFORMATION

Irritation Fumes or vapors generated from decomposing resin may be irritant to eyes

12. ECOLOGICAL INFORMATION

To avoid being taken by ocean species or birds, disposal of the waste to the ocean and water sources is inhibited.

13. DISPOSAL CONSIDERATIONS

Controlled incineration or landfill according to local, state or national laws and regulation concerning health and pollution.

Inadequate incineration may generate toxic gases such as CO.

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

Not available

16. OTHER

The data given above is believed accurate and for reference only.



物质安全资料表

1. 物品及厂商资料

产品名称 PC230.U
 MSDS No. 02ST013
 制定日期 2006年9月28日
 制造商 银禧工程塑料(东莞)有限公司
 地址 广东省东莞市道窖镇南阁工业区
 电话 0769-88387388
 传真电话 0769-88387288

2. 成品辨识资料

单一产品或混合物	混合产品				
化学名称	PC	增韧剂	阻燃剂	抗UV剂	其它
含量	> 93%	< 3%	< 2%	< 1%	< 1%

危害性不纯物 无

3. 危害性分类

健康危害效应 无
 环境影响 无
 物理性及化学性危害 无
 特殊危害 无

4. 急救措施

吸入 若吸入熔融树脂逸出之气体，将患者移至通风处，立即送医。
 皮肤接触 若接触到塑胶粒或塑胶粉末，以清水冲洗。
 若接触到熔胶，以大量（肥皂）水冲洗患部及衣物，立即送医。
 眼睛接触 若接触到塑胶粒或塑胶粉末，以大量清水至少冲洗15分钟。
 若有不适，立即送医。
 若接触至高温熔融树脂逸出之气体，以大量清水至少冲洗15分钟。
 若有不适，立即送医。
 吞食 催吐，以清水漱口，若有不适，立即送医。

5. 消防措施

适用灭剂 水、泡沫、干粉
 灭火时可能遭遇之特殊危害 无
 特殊灭火程序 移除可燃物
 消防人员之特殊防护设备 使用供氧式呼吸防护具

6. 泄漏处理方法

个人应注意事项 若塑胶粒或塑胶粉末残留于地面上，可能会导致人员滑倒。
 环境注意事项 为防止鸟类或鱼类由排水系统中摄食，须彻底回收。
 清理方法 回收或废弃。

7. 安全处置与储存方法

处置 操作处所须严禁烟火，做好整理整顿以避免粉尘累积。为防止尘爆，空气输送管路、袋滤器及储槽须加装静电消除装置，并确实接地。袋滤器之滤材采导电性材质。
 储存 存放于阴凉处所，避免直射阳光、雨淋及急速之温差。储存处严禁烟火。



8. 暴露预防措施

容许浓度 (TLV)	未定
通风设备	排除粉尘、烟及气体时使用
个人防护设备	呼吸防护 清洗成型机时使用防毒面具。 手部防护 接触熔胶时使用皮手套。 眼睛防护 平时使用安全眼镜, 清洗成型机时使用护目镜。

9. 物理及化学性质

物质状态	透明或各色胶粒
形状	粒状
颜色	透明或各种颜色
比重	1.18-1.21
溶解度	无

10. 安定性及反应性

安定性	依一般操作及储存程序时, 安定性佳。
危害性分解物	CO, 碳氢化合物等

11. 毒性资料

刺激性	分解后之塑胶所产生的烟及蒸气会刺激眼睛。
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12. 生态资料

为防止被海洋生物或鸟类摄食, 严禁丢弃至海洋或水域。

13. 废弃物处理

适当之焚化炉燃烧或掩埋法。不适当之焚化炉可能会产生有毒气体如 CO。

14. 运送资料

未分类

15. 法规资料

无

16. 其他资料

无