

产品安全数据说明书

MATERIAL SAFETY DATA SHEET

1、产品及公司信息 Product and Company Identification

产品名称：氧化铝陶瓷基板

Product Name: Aluminum Oxide (Al₂O₃) Ceramic substrate

供应商名称：深圳市丹宇电子有限公司

Supplier Name: Best Technology Co., Ltd.

地址：中国 广东省 深圳市

Address: Shenzhen city, Guangdong province, CHINA

联系电话(Tel): +86-755-29091601

传真(Fax): +86-755-29091601

2、材料成分信息 Composition/Information on Ingredients

化学性质：固体，非化学品

Chemical Character: Solid, not chemical product

CAS 编号：不适用

CAS No: Not applicable

化学成分 Chemical Ingredients:

	成分 Ingredient	材料 Materials	CAS 编号 CAS#	百分比% Weigh%	备注 Remark
1	氧化铝 Al ₂ O ₃	Aluminum Trioxide	1 344-28-1	80-90%	
2	硅-硼-铅系玻璃	Glass	65997-18-4	2-5%	
3	银	Silver	7440-22-4	5-10%	
4	钯	Palladium	7440-05-3	<2%	

3、危害性信息 Hazards Identification

有害物质分类规定：不适用

Hazards Material Classification: Not Applicable

理化特性：固体，非化学品

Physical and Chemical Character: Solid, not chemical product

人体危害性：无危害

Human Health Hazards: Not Applicable

环境危害性：无相关资料

Environmental Hazards: No relevant information found.

4、急救方法 First Aid Measures

此类产品常态下极其稳定，无刺激性，一般不需急救。如果感觉不适请求医。

The product is normally stable, no irritant; first aid is not needed generally. If feeling not good, call a physician immediately.

5、消防措施 Fire Fighting Measures

此类产品常态下极其稳定，非可燃物，无需特殊灭火程序，使用水或一般灭火剂即可。

The product is normally stable, not classified as flammable, no special fire fighting procedure, use water spray or normal extinguishing media to put out the fire.

6、泄漏应急处理 Accidental Release Measures

此类产品常态下极其稳定，无毒害性和刺激性，用扫帚将其扫起来即可。

The product is normally stable, no irritant; sweep with normal broom.

7、操作处置与储存 Handling and Storage

处置：无特殊要求，注意防止潮湿。

Handling: No special requirement, control the humidity of storage site.

储存：存放在阴凉及通风良好的地方，避免阳光及潮湿。避免存放于有腐蚀性气体的环境。避免长时间存放。

Storage: Store in cool and dark room away from heat, sunshine or dampness. Avoiding storage in place full of corrosive gas. Avoid long time storage.

储存条件 Storage Condition: T:5℃~35℃; RH: 45%~70%.

8、接触控制/个人防护 Exposure Control/Personal Protection

控制参数：无

Control Parameter: No available.

预防措施：无需

Prevent Measures: No available.

个人防护设备：无需特殊设备

Personal Protection: No special equipment.

9、理化特性 Physical and Chemical Properties

外观、化学性质、组成、颜色、气味

Appearance、Chemical Character、Properties、Color、Odor

白色基体上带银色金属和黑/绿色/蓝色表面的固体颗粒，无气味。

White carries with silver metal and black/green/blue surface solid mixture, no odor.

密度：Density: No relevant information found.

沸点：不适用

Boiling point: Not applicable

熔点：不适用

Melting point: Not applicable

挥发性：无

Volatiles: Not available

水溶性：不溶

Solubility in water: Not available

人体内溶解性：不溶

Solubility in human: Not available

10、人体危害性（稳定性及活性）Stability/Rea

此类产品常态下极其稳定，无特殊活性。

The product is normally stable, no special mobility.

闪点/燃点: 不适用

Flash point /Fire point: Not applicable

暴露上限/下限: 不适用

Explosion upper/ lower limits: Not applicable

不相容性: 强酸、强碱、强氧化剂

Incompatibility: acid、alkali、oxidant

分解物质: 无资料

Decompounded material: No relevant information found.

1 1、毒理学资料 Toxicological Information

无相关资料。

No relevant information found.

1 2、生态学资料 Ecological Information

无相关资料

No relevant information found.

1 3、废弃处置 Disposal Considerations

此类产品含有重金属, 废弃时应按危险废弃物处理法规进行处置。

The product contains heavy metal, disposing should be follow the danger and waste regulations.

1 4、运输信息 Transport Information

运输应按照国家及地方的有关法规执行。

Transportation should be in accordance with state and local environmental regulations.

1 5、规章制度 Regulatory Information

按照国家及地方法律法规执行。

Follow the state and local regulations.

1 6、其他信息 Other Information

参考资料: 生产商 MSDS 成分资料

Reference information: MSDS provided from material supplier.

Special Statement:

"This MSDS note is for reference purpose only. Users shall guide employees to operate according to the actual production conditions, and ensure proper use to protect employees' health and safety. This MSDS Instruction is not binding. If the product is not used in accordance with this instruction, or is not compatible with other substances in the production process, all consequences caused by this instruction shall be borne by the user."