High Purity Engineered Powders
高纯度工程粉体

MSDS

MATERIAL SAFETY DATA SHEET

材料安全数据说明书

995氧化铝

Trade names & Synonyms 商品名和同义词

Ceramic dielectric composition 陶瓷介质组合物

Company Identification 公司认证

Manufacturer 制造商

Jiangsu Superior ceramics times Technology Co., Ltd

江苏上瓷时代科技有限公司

泰州市医药高新区开发区（无量寺路）产业园 3期2号

江苏上瓷时代科技有限公司 合同专用章 3212910054297

COMPOSITON/INFORMATION ON INGREDIENTS 组合物成分信息

Components 组成

牌号	9905G	9905
批号	2111114	2108204
Al_2O_3 %	≈99.5	
Na_2O %	≤0.05	
Fe_2O_3 %	≤0.03	
SiO_2 %	≤0.03	

Note: It is important to consider that this product is fused at high temperature and differs in characteristics from starting ingredients. Resulting material is highly insoluble and should present less health hazard than individual ingredients.
注：本组合物经高温煅烧溶合，比单独的成分有更高的不可溶解性，因此对人体健康的影响更加小。

HAZARDS IDENTIFICATION 危险认证

Potential Health Effects 对健康的潜在影响

This product contains micro-powder, Overexposure by inhalation of respirable dusts may cause respiratory problems including pneumoconiosis.
本产品含有微细粉末，过度吸入会导致呼吸道疾病，包括肺尘症。

Carcinogenicity Information 致癌物质

None 无

FIRST AID MEASURES 急救方法

Inhalation 吸入

If inhaled, immediately remove to flesh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
立即将他转移到有新鲜空气的地方。如果他不能呼吸，给他做人工呼吸。如果他感到呼吸困难，给他氧气。请求医生的帮助。

Skin Contact 皮肤接触

Wash affected area with soap and water.
用肥皂和水清洗。

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Eye Contact 眼睛接触

Immediately flush eyes, including under the eyelids, gently but thoroughly with plenty of running water for at least 15 minutes. Get medical help.
立即用流动性的水轻柔但全面地清洗眼睛和眼睑 15 分钟。请求医生的帮助。
SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION, AND SUPPORT AFTER FIRST AID.
急救后应继续寻求医师的处理、观察和帮助。

FIRE FIGHTING MEASURES 防火方法

Flammable Properties 可燃性

Noncombustible 不可燃

Extinguishing Media 灭火媒质

This product is not combustible. Use extinguishing agents that are suitable for putting out the surrounding fire.
本产品不可燃。使用合适的灭火媒质扑灭附近的火苗。

HANDLING AND STORAGE 处理与储存

Handling 处理

Practice good housekeeping to prevent accumulation of dust. Avoid excessive dusting during cleanup and handling. Practice good personal hygiene. Keep material off of your clothes and equipment. Avoid transferring material from hands to mouth while eating, drinking, or smoking.
保持清洁，防止累积灰尘。在清洗和处理过程中避免产生大量的灰尘。注意个人卫生。注意清除残留在衣服和设备上的粉料。在处理粉料时不要吃、喝和抽烟。

Storage 储存

Stored in a clean, dry indoor.
储存在干净、干燥的室内。

PHISICAL AND CHEMICAL PROPERTIES 物理与化学特性

Physical Data 物理特性

Vapor Pressure 蒸汽压力	Not volatile 不挥发
Vapor Density 蒸汽浓度	Not volatile 不挥发
Melting Point 熔点	>2000℃
Evaporation Rate 挥发率	Not volatile 不挥发
Solubility in Water 溶解性	Insoluble 不可溶解
Odor 气味	Slight smell 有轻微气味
Form 形状	Powder 粉体

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Color 颜色	White 白色
Specific Gravity 比重	1.00 ± 0.20 g/cm^3

Stability and Reactivity 化学特性

Chemical Stability 化学稳定性

Material is stable. 稳定

Incompatibility with Other Materials 与其它材料的不兼容性

None. 无

Decomposition 分解性

None. 无

Polymerization 聚合性

None. 无

OTHER INFORMATION 其它信息

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Component percentages are typical based on historical production performance. FH does not make any expressed or implied warranty that future production will continue to possess these typical properties.

MSDS 中的数据仅适用于本产品，而不适用于与其它材料联合使用或采用其它工艺时的情况。组成比例基于以往典型产品的性能。本公司不保证将来的产品仍然会具有这些典型性能。

End of MSDS 完

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