

# MSDS

## MATERIAL SAFETY DATA SHEET

## 化学品安全说明书

**Prepared For** : 香港鸿森实业有限公司  
HK HONGSEN INDUSTRIAL LIMITED  
旺角东菜街1A-1L 威迪商业大厦20楼08室  
ROOM 08 20/F WITTY COMMERIAL BUILDING 1A-1L  
TUNG CHOI STREET MONGKOKKL

**Prepared By** : 深圳市通检检测技术有限公司  
Shenzhen TCD Testing Technology Co.,Ltd.  
深圳市宝安区西乡固戍红湾创客大厦B2 栋 4F  
4/F, B2 Building, Chuangke Business Building, Gushu, Hongwan,  
Xixiang Street, Baoan District, Shenzhen, China

**Issue Date** : November 11, 2019  
**Report Number** : TCD20191111103016D-1

**Written by:** Jack Li

**Approved by:** 



# Material Safety Data Sheet

Report NO:TCD20191111103016D-1

## Section 1-Chemical Product and Company Identification /化学品产品信息和制造商信息

**Product: SMD LED**

**产品名: SMD LED**

**Model(s): SMD LED**

**型号: SMD LED**

**Manufacture: Shenzhen Hong Zhi Sen Electronics Co.,Ltd**

**制造商: 深圳市鸿之森电子有限公司**

**Address: Shenzhen baoan district city shiyan street dezheng road  
branch building room 1811 nobel sea**

**地址: 深圳市宝安区石岩街道石龙社区德政路森海诺科创大厦1811**

**Post Code/邮编: 518000      Fax No/传真: 0755-27395136**

**Emergency Telephone/紧急电话: 0755-27395536**

## Section 2- Composition/Information on Ingredient /化学品产品信息

Chemical Name / 化学名	In % By Weight / 比重
芯片 chip	18-25 %
支架 stents	60-65 %
硅胶 Glue	8-10 %

# Material Safety Data Sheet

## Section 3- Hazards Identification /危害信息

**Fatalness:** When assessing action take Risk & Safety Phrases into account.

危险性：当对其评估时，需要考虑其安全风险的评估

**Invasion route: Skin touch:** Sensitive skin will cause damage, and avoid repeated contact for a long time.

侵入途径：皮肤接触：正常使用下没有特殊危险。但是过敏性皮肤慎用。

**Eye touch:** There will be no dangerous during normal use. May causes eyes irritation ,  
redness, and pain when prolonged or repeated contact.

眼睛接触：粉尘可能会刺激眼部。

**Inhalation:** Causes irritation to the respiratory tract. Symptoms may include coughing,  
shortness of breath.

吸入：吸入有可能对呼吸系统，眼睛，生殖系统，皮肤有一定伤害。

**Ingestion:** Ingestion may cause mouth, throat and intestinal buns irritation and damage. Get  
medical aid.

摄取：摄入有可能对口腔、喉咙以及大肠有一定的刺激和伤害，立即就医。

**Health hazards:** Causes irritation to eyes and skin, respiratory tract.

健康危害：正常使用情况下不会产生危害。

**Environment hazards:** It is harmful to water organisms. Keep away from clean water resource.

环境危害：对环境无危害。

**Burn & Burst danger:** It can burn..

烧伤和灼伤危险：无着火危险。

# Material Safety Data Sheet

## Section 4- First Aid Measures /急救措施

**Skin touch:** If there is any unwell reaction, remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

皮肤接触：如有不适反应，脱去受污染的衣服，用清水冲洗。如果比较严重，就医。

**Eyes touch:** Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

眼睛接触：提起眼睑，立即用大量的水冲洗至少15分钟。如果有必要就医。

**Inhalation:** Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

吸入：移至新鲜空气处休息，保持呼吸道通畅。如呼吸困难，给输氧就医。

**Ingestion:** Rinse mouth out with water. Seek medical advice immediately.

摄入：用水冲洗，立即就医。

## Section 5- Fire Fighting Measures /消防措施

**Danger characteristic:** Case of fire can burn. Can react with oxidants.

危险特性：无着火危险

**Extinguishing Media:** Use water, foam, carbon dioxide and dry chemical powder as appropriate for materials in surrounding fire.

灭火媒介：使用水、泡沫、二氧化碳和干粉等材料，在周围的火中使用。

**Recommended:** N/A

使用水、泡沫、二氧化碳和干粉等材料，在周围的火中使用。

**Special measures:** N/A

特别方法：无

**Extinguishing procedures:** N/A 熄灭过程：无

# Material Safety Data Sheet

## Section 6- Accidental Release Measures /泄露应对措施

**Personal precautions:** Under normal circumstances, no leaks will be detected

个人预防措施：正常使用情况下不会发生泄露。

**Environment precautions:** Keep away from clean water resource.

环境预防措施：避免排放到环境中，尽量远离干净的水源。

**Cleaning up methods:** Vacuuming or wet sweeping may be used to avoid dust dispersal.

清洁方法：用吸尘器或湿扫可以用来避免粉尘扩散。

## Section 7- Handling and Storage /操作和储存

**Precautions in handling:** Provide good natural ventilated condition.

操作注意事项：使用后用水洗手，保持干燥通风，使用后用密封容器装好。

**Storage conditions:** 1. Stored in a cool, dry, well-ventilated place.

储存注意事项：1. 保持在干燥通风处，避免阳光直射。

2. Keep in a tightly closed container.

2 · 远离热源。

3. Packaging with film, Keep out of the reach of children.

3 · 用容器装好，远离孩童。

# Material Safety Data Sheet

## Section 8- Exposure Controls, Personal Protection /接触控制和个人防护措施

**Respiratory protection:** Apply local ventilation where possible. Wear a self-contained breathing apparatus if necessary.

呼吸防护：有必要的地方保持通风。

**Hand protection:** Use chemically resistant gloves if required.

手的防护：正常情况下不需要防护。在有必要的情况下使用化学防护手套。

**Eye protection:** None under normal use. Wear chemical safety goggles if required.

眼睛的防护：正常使用下不需防护。

**Skin protection:** Use rubber apron and protective working if required.

皮肤防护：正常使用情况下不需要，如果要求有必要使用橡胶围裙防护。

**Other protective equipment:** Wash hands after use and before drinking, eating or smoking. Wash hands thoroughly after cleaning-up components.

其他保护要求：在吃，喝，吸烟前请先洗手。

## Section 9- Physical and Chemical Properties /物理和化学成分

**Physical State:** solid

物理状态：固体

**Odor:** Tasteless

气味：无味

**Density:** N/A

沸点：无资料

**evaporation point:** N/A

熔点：无资料

**Critical temperature:** N/A

临界温度：无资料

**Critical pressure:** N/A

临界压力：无资料

**Critical density:** N/A

临界密度：无资料

**Density liquid:** N/A

密度（液体）：无资料



# Material Safety Data Sheet

## Section 10- Stability and Reactivity /稳定性和化学反应

**Stability:** Normal conditions and stability.

稳定性：正常环境下稳定。

**Avoid material:** Strong oxidizers.

避免接触的条件：高温，高热。

**Avoid contact with conditions:** N/A

禁配物：不详

**Aggregate hazard:** N/A

危险成份：不详

**Decomposition products:** N/A

分解物：不详

## Section 11- Toxicological information /毒理学信息

This product have mild toxicity. Ingestion may cause mouth, throat and intestinal buns irritation and damage.

Get medical aid.

这个产品没有毒物学的数据。信息提供是基于成分和类似产品的毒物学的知识。如果有必要立即就医。

## Section 12- Ecological Information /生态学信息

**Biodegradability:** Data not available

生物降解能力：在此不适应。

**Precautions:** Not available

预防措施：在此不适用。

# Material Safety Data Sheet

## Section 13- Disposal Considerations /废弃处置

**Waste disposal methods:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

废弃处置方法：建议循环使用。

**Note:** Consult your local or region authorities, disposal subject to national, state, or local laws.

废弃注意事项：请遵循当地国家，州，或当地法规处置。

## Section 14 – Transport Information /运输信息

Dangerous goods code: N/A

危险货物编号：无资料

**UN code:** N/A

UN编号：无资料

**Package mark:** N/A

包装标志：无资料

**Packaging categories:** N/A

包装类别：无资料

**Packaging Methods:** N/A

包装方法：用塑料袋包装好。

**Attentions for Transportation:** The process of transport, please note waterproof, can be in accordance with the general general cargo transportation. Prior to transport, the container should be checked for completeness, seal, transportation process to ensure that the container does not leak, do not collapse, do not fall, do not damage. damage. With no oxidant, edible chemicals mixed mixed transport. Transport ship, away from



# Material Safety Data Sheet

bedroom, kitchen, and isolation and power supply, fire and other parts of the cabin. Highway transportation to the prescribed route.

运输注意事项：运输的过程中请注意防水，可按照一般普通货物运输

运输前应先检查包装容器是否完整、密封，运输过程中要确保容器不泄漏、不倒塌、不坠落、不损坏。严禁与氧化剂、食用化学品等混装混运。运船运时，配装位置应远离卧室、厨房，并与机舱、电源、火源等部位隔离。公路运输时要按规定路线行驶。

## Section 15- Regulatory information /法规信息

Regulatory Information: N/A

法规：请遵循当地法规条款。

## Section 16- Other Information /其他信息

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

上述MSDS信息是基于我们当前获知的数据以及一些被公认的信息来编辑的。这些信息只是提供给您，以供参考、研究。可能会在后续的应用中超出我们的控制，而且可能会有一些修改。所有的物质均存在未知的危害，应小心使用。其使用的结果我们公司不承担任何法律责任。

本份MSDS报告不能作为使用本品实现任何特定目的的保证。各有关使用者应预先进行相关测试，来确定其是否满足您的使用目的。