

# MATERIAL SAFETY DATA SHEET

## 物质安全资料表

<b>Section I. Identification of Substance and Company</b>	
<b>一. 物品与厂商资料</b>	
Product Name 物品名称	VulcaPellet ZnO-80
Producer(Supplier) 制造商(供货商名称)	台翔活性氧化锌 ZnO-80 Foundry Chemical Inc. TaiXiang Rubber Division.
Address 地址	台翔化工 台翔橡胶 LiSongLang Industrial Area, GongMing Town, ShenZhen, China
Phone	中国深圳市公明镇李松朗工业区
Fax	+86(755)27126057 (China)
Email	+86(755)27126074 (China) sales@foundrychemical.com.cn
<b>Section II. Composition/Information on ingredients</b>	
<b>二. 成份辨识资料</b>	
An exclusive pre-dispersed 80% FCI proprietary dry process Zinc Oxide( A-grade) in a 20% elastomeric* / processing aids binder (elastomeric* binder can be SBR or EPDM). 预分散 80% 台翔活性氧化锌于 20% 橡胶弹性载体*	
CAS Number 化学文摘社登记号码	Not Applicable 不适用
<b>Section III. Hazards Identifications</b>	
<b>三. 危害辨识资料</b>	
Emergency Overview 最重要危害与效应	May cause irritation to eyes, skin and respiratory tract. May cause allergic skin reaction 可能刺激眼睛，引起呼吸困难。可能刺激皮肤
<b>Section IV. First-aid Measures</b>	
<b>四. 急救措施</b>	
Inhalation 吸入	Remove to fresh air 移至新鲜空气处
Skin Contact 皮肤接触	Wash with plenty of water and soap 立即用流动的温水冲洗污染处
Eye Contact 眼睛接触	Wash with plenty of water and obtain medical attention if any sensation persists 立即用流动的温水冲洗并立即送医。
Ingestion 食入	Remove material from mouth. Wash with water. If large amounts swallowed or symptoms develop seek medical attention. 从患者口中移开剩余吞食物，让患者彻底漱口。如吞食过量请立即送医
<b>Section V. Fire-fighting Measures</b>	
<b>五. 灭火措施</b>	
Extinguishing Media 适用灭火剂	Water spray, foam, carbon dioxide, dry chemicals 二氧化碳、泡沫、化学干粉
Specific Hazards 灭火时可能遭遇之特殊危害	None 无
Special Protective Equipment 特殊防护装备	Protective clothing and self-contained breathing equipment should be available for firemen. 消防人员需配戴空气呼吸器及防护手套及消防衣

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<b>Section VI. Accidental Release Measures</b>	
<b>六. 泄漏处理方法</b>	
Spill	Put spilled solid in a waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
泄漏处理	清扫外泄物质后，置于适当加盖且标示的容器中。

<b>Section VII. Handling and Storage</b>	
<b>七. 安全处置与储存方法</b>	
Handling	Avoid contact with skin and eyes.
处置	避免皮肤及眼睛直接接触，操作完毕澈底用肥皂及清水洗手。
Storage	Keep container dry. Keep in a cool place. Avoid direct sunshine. Product slowly degrades on storage particularly under warm, humid conditions. Keep stocks below 40°C.
储存	应储存于阴凉干燥而且通风良好的地方，避免阳光直射，远离热及引火源。

<b>Section VIII. Exposure Controls / Personal Protection</b>	
<b>八. 暴露预防措施</b>	
General Precautions	Good industrial hygiene should be followed.
个人卫生措施	保持良好卫生措施，工作场所严禁抽烟或饮食，维持作业场所清洁，操作完毕澈底用肥皂及清水洗手。
Ventilation	Adequate ventilation should be maintained when handling heated product.
操作区域通风排气	排气直接通往室外，并提供足够空气以补充排出者。
Occupational Exposure Limits	Not established.
最大容许浓度	无相关资料
Personal Protective Equipment	Normal precautions should be observed as for handling all chemicals.
个人防护设备	手部防护：手套 眼部防护：安全护目镜、面罩 呼吸防护：一定流量型供气式呼吸防护具

<b>Section IX. Physical and Chemical Properties</b>	
<b>九. 物理及化学性质</b>	
Form / Color	White granules
物质形态 / 颜色	白色颗粒
PH	Not Applicable
PH 值	不适用
Boiling Point	Not Applicable
沸点	不适用
Melting Point(Active Ingredient)	Not Applicable
熔点(有效成分)	不适用
Flash Point (Active Ingredient)	Not Applicable/material is non-flammable
燃火点(有效成分)	不适用/产品不燃烧
Auto-ignition Temp. (Active Ingredient)	Not Applicable
自燃温度 (有效成分)	不适用

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<b>Section IX. Physical and Chemical Properties</b> <b>九. 物理及化学性质</b>	
Explosive/oxidising properties 爆炸界限	Not to be expected 不太可能发生
Vapor Pressure 蒸气压	Not Applicable 不适用
Special Gravity 比重	Approx. 2.8±0.1
Solubility in Organic Solvents 溶解度(有机溶剂)	Insoluble in organic solvents 不溶于有机溶剂
Solubility in Water 溶解度(水)	Insoluble/soluble in concentrated acid 不溶/溶于强酸
<b>Section X. Stability and Reactivity</b> <b>十. 安定性及反应性</b>	
Stability 安定性	Stable under normal conditions. 正常情况下安定
Conditions to Avoid 应避免之状况	None 无
Material to Avoid 应避免之物质	Hydrogen fluoride. 氢氟酸
Hazardous Decomposition Products 危害分解物	Toxic zinc oxide fume. 锌氧粉蒸气
<b>Section XI. Toxicological Information</b> <b>十一. 毒性资料</b>	
Routes of Entry 毒性进入人体途径	Eye contact. Ingestion. Inhalation. Skin contact. 眼部接触、食入、吸入、皮肤接触
Toxicity to Animals 动物毒性测试	Acute oral toxicity (LD50): > 7950 mg/kg [Rat] Acute dermal toxicity (LD50): > 2500 mg/kg [Rabbit] 食入急毒性(LD50): > 7950 mg/kg [大鼠] 皮肤接触急毒性(LD50): >2500 mg/kg [兔子]
Acute Effects 急毒性	
Eye contact 眼部接触	This material may be a slight to mild eye irritant. 轻微刺激眼睛
Skin Contact 皮肤接触	Slight skin irritant. 轻微刺激皮肤
Sensitization 致敏感性	Human experience has shown that repeated exposure to the product can result in an allergic response to sensitive individuals. 长期接触, 体质过敏者会有过敏反应
Ingestion 食入	This material may be an ingestion hazard. 会刺激口腔、胃, 引发恶心、呕吐
Inhalation 吸入	This material may be an inhalation hazard. Can cause respiratory irritation. 可能引起昏眩, 呼吸困难。

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<b>Section XII. Ecological Information</b> <b>十二. 生态资料</b>									
Products of Biodegradation 生物降解产物	No information available. This product is not easy biodegradable 查无相关数据，产品本身不易分解。								
<b>Section XIII. Disposal Considerations</b> <b>十三. 废弃处置方法</b>									
Waste Disposal Method 废弃处置方法	Recycle where possible according to local regulations. 建议尽量回收。请参照环保法规以合格的卫生掩埋法处理。								
<b>Section XIII. Transport Information</b> <b>十四. 运送资料</b>									
Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA - DGR. 非国内国际运送法则规管制品									
<b>Section XV. Regulatory Information</b> <b>十五. 法规资料</b>									
Hazardous Material Information System 美国危害物分类	<table border="0"> <tr> <td>Health Hazardous 健康危害</td> <td>0</td> </tr> <tr> <td>Fire Hazardous 火灾危害</td> <td>0</td> </tr> <tr> <td>Reactivity 反应性</td> <td>0</td> </tr> <tr> <td>Personal Protection 个人防护</td> <td>B</td> </tr> </table>	Health Hazardous 健康危害	0	Fire Hazardous 火灾危害	0	Reactivity 反应性	0	Personal Protection 个人防护	B
Health Hazardous 健康危害	0								
Fire Hazardous 火灾危害	0								
Reactivity 反应性	0								
Personal Protection 个人防护	B								
<b>Section XVI. Other Information</b> <b>十六. 其它资料</b>									
Validated By 制表人	JOVE								
Issue Date 制表日期	February 28, 2015 2015年2月28日								
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