

MATERIAL SAFETY DATA SHEET

物质安全资料表

Section I. Identification of Substance and Company	
一. 物品与厂商资料	
Product Name	Transparent ZnO(H)
物品名称	台翔透明氧化锌®(H)
Producer(Supplier)	Foundry Chemical Inc. Dong Guan TaiXiang Division.
制造商(供货商名称)	东莞台翔化工
Address	Nan Ya Industrial Area , Da Bu Country, Ma Yong Town, Dong Guan , China.
地址	中国东莞市麻涌镇大步村南丫工业区
Phone	+86(769)8286771~3(China)
Fax	+86(769)8286778 (China)
Email	sales@foundrychemical.com.cn

Section II. Composition / Information on ingredients	
二. 成份辨识资料	
An exclusive pre-dispersed wet process micro-fine transparent zinc oxide formulated for the rubber industry. 台翔自有专利湿法生产的超细粒径透明氧化锌.	
CAS Number	1314-13-2
化学文摘社登记号码	

Section III. Hazards Identifications	
三. 危害辨识资料	
Emergency Overview	May cause irritation to eyes, skin and respiratory tract. May cause allergic skin reaction.
最重要危害与效应	可能刺激眼睛, 引起呼吸困难 可能刺激皮肤

Section IV. First-aid Measures	
四. 急救措施	
Inhalation	Remove to fresh air.
吸入	移至新鲜空气处
Skin Contact	Wash with plenty of water and soap.
皮肤接触	立即用流动的温水冲洗污染处
Eye Contact	Wash with plenty of water and obtain medical attention if any sensation persists.
眼睛接触	立即用流动的温水冲洗并立即送医。
Ingestion	Remove material from mouth. Wash with water. If large amounts swallowed or symptoms

develop seek medical attention.

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食入	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。
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Section V. Fire-fighting Measures

五. 灭火措施

Extinguishing Media	Water spray, foam, carbon dioxide, dry chemicals
适用灭火剂	二氧化碳, 泡沫, 化学干粉
Specific Hazards	None
灭火时可能遭遇之特殊危害	无
Special Protective Equipment	Protective clothing and self-contained breathing equipment should be available for firemen.
特殊防护装备	消防人员需配戴空气呼吸器及防护手套、消防衣。

Section VI. Accidental Release Measures

六. 泄漏处理方法

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。

Section VII. Handling and Storage

七. 安全处置与储存方法

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.
储存	Keep stocks below 40°C. 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。

Section VIII. Exposure Controls / Personal Protection

八. 暴露预防措施

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

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Ventilation

完毕澈底用肥皂及清水洗手。

Adequate ventilation should be maintained when handling heated product.

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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。

Section IX. Physical and Chemical Properties

九.物理及化学性质

Form / Color	White powder
物质形态/ 颜色	白色粉状
PH	Not Applicable
PH 值	不适用
Boiling Point	Not Applicable
沸点	不适用
Melting Point (Active Ingredient)	1975°C
熔点 (有效成分)	
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
Explosive/oxidising properties	Not to be expected
爆炸界限	不太可能发生
Vapor Pressure	Not Applicable
蒸气压	不适用
Special Gravity (g/cm ³)	3.50approx.
比重	
Volatility (105°C/2hr)	< 3.5%
挥发度	
Solubility in Organic Solvents	Insoluble in organic liquid

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溶解度(有机溶剂)	不溶于有机溶剂
Solubility in Water	Insoluble. Soluble in concentrated acid
溶解度 (水)	不溶. 溶于强酸

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Section X. Stability and Reactivity

十. 安定性及反应性

Stability	Stable under normal conditions.
安定性	正常情况下安定
Conditions to Avoid	None
应避免之状况	无
Material to Avoid	Hydrogen fluoride.
应避免之物质	氢氟酸
Hazardous Decomposition Products	Toxic zinc oxide fume
危害分解物	锌氧粉蒸气

Section XI. Toxicological Information

十一. 毒性资料

Routes of Entry	Eye contact. Ingestion. Inhalation. Skin contact.
毒性进入人体途径	眼部接触, 食入, 吸入, 皮肤接触。
Toxicity to Animals	Acute oral toxicity (LD50): > 7950 mg/kg mg/kg [Rat]. Acute dermal toxicity (LD50): >2500 mg/kg [Rabbit].
动物毒性测试	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	This material may be a slight to mild eye irritant.
眼部接触	轻微刺激眼睛。
Skin Contact	Slight skin irritant.
皮肤接触	轻微刺激皮肤。
Sensitization	Human experience has shown that repeated exposure to the product can result in an allergic response to sensitive individuals.
致敏感性	长期接触, 体质过敏者会有过敏反应。
Ingestion	This material may be an ingestion hazard.
食入	会刺激口腔、胃、引发恶心、呕吐。

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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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Section XII. Ecological Information 十二. 生态资料	
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

Section XIII. Disposal Considerations 十三. 废弃处置方法	
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。

Section XIII. Transport Information 十四. 运送资料	
Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA - DGR. 非国内国际运送法规管制品	

Section XV. Regulatory Information 十五. 法规资料			
Hazardous Material Information System 美国危害物分类	Health Hazardous	0	
	健康危害		
	Fire Hazardous	0	
	火灾危害		
	Reactivity	0	
	反应性		
	Personal Protection	B	
	个人防护		

Section XVI. Other Information 十六. 其它资料	
Validated By 制表人	单艳婷

Issue Date	08/31/2010
制表日期	

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Important Note

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. Final determination of suitability of any material is the sole responsibility of the user.

备注

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