



**SAFETY DATA SHEET:** According to EC-directive 2001/58/EC

**Precipitated Silica**

**HS Code: 28112200.00**

**1. 化学品及企业标示(CHEMICAL PRODUCT AND COMPANY IDENTIFICATION)**

|                           |  |
|---------------------------|--|
| 商品名称/Trade name           | Precipitated Silica<br>沉淀法二氧化硅<br>深圳市华起达实业有限责任公司<br>Meyors Chemical INC Limited<br>深圳市罗湖区中兴路外贸集团大厦 2610-2611 室           |
| 供应商/ Supplier             | RM 2610-2611 Foreign Trade Building, Zhong Xing Road<br>Shen Zhen. China<br>TEL:+86-755-82184166<br>FAX:+86-755-82187033 |
| 紧急电话/ Emergency telephone | +86-755-82190130   |
| 产品用途/ Intended use        | 沉淀法二氧化硅  |

**2. 成分/组成信息(COMPOSITION/INFORMATION ON INGREDIENTS)**

|                            |                              |
|----------------------------|------------------------------|
| 化学名/ Chemical name         | Precipitated Silica/沉淀法 二氧化硅 |
| CAS 编号/ CAS NO.            | 7631-86-9                    |
| 产品描述/ Chemical description | 白色粉末/white Powder            |
| TSCA NO.编码/ TSCA NO.       | 无/ none                      |
| EINECS 号码/ EINECS NO.      |                              |

**3. 危险性概述(HAZARDS IDENTIFICATION)**

On the basis of information available to us, this product is not a hazardous substance in the sense of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.

**4. 急救措施(FIRST AID MEASURES)**

|                             |   |
|-----------------------------|---|
| 症状和效果/ Symptoms and effects | No hazards which require special first aid measures   |
| 急救/ First aid               |   |
| 通常情况/ General               | In all cases of doubt, or when symptoms persist, seek medical attention.<br>任何可疑情况, 或有任何症状出现, 请马上找医生咨询。                       |
| 吸入/ Inhalation              | Move to fresh air. If symptoms persist, seek medical advice.<br>呼吸新鲜空气。如果有持续症状, 请马上就医。  |
| 皮肤/ Skin                    | No hazards which require special first aid measures<br>Possible discomfort is due to foreign substance effect.                |
| 眼睛/ Eye                     | Rinse thoroughly with plenty of water keeping eyelid open.<br>In case of persistent discomfort<br>Consult an ophthalmologist. |
| 摄取/ Ingestion               | Rinse mouth.  |



医生建议/ Advice to physician  
No specific recommendations.  
无详细建议。

## 5. 消防措施(FIRE-FIGHTING MEASURES)

|   |   |
|---|---|
| 灭火媒介/ Extinguishing media                                       | foam, dry chemical powder, CO <sub>2</sub><br>泡沫, 干粉灭火器, CO <sub>2</sub>  |
| 不适用的灭火媒介<br>/ Unsuitable extinguishing media                    | waterjet.<br>水注(流)  |
| 特殊危险/ Special exposure hazards                                  | None  |
| 分解腐烂危险/燃烧产品/<br>Hazardous decomposition/<br>combustion products | None  |
| 保护设备/ Protective equipment                                      | Wear self contained breathing apparatus.<br>需佩戴空气呼吸器。<br>Do not allow run-off from fire fighting to enter drains or<br>water courses. |
| 其他信息/ Other information   | 避免消防水接触下水道, 土地或水源。  |

## 6. 泄露应急处理(ACCIDENTAL RELEASE MEASURES)

|                                 |   |
|---------------------------------|---|
| 个人防范/ Personal precautions      | For personal protection see Section 8.<br>对于个人防范请参照第 8 部分。  |
| 环境预防/ Environmental precautions | Avoid discharge into the environment.<br>避免流入环境之中。  |
| 清洁处理方法/ Methods for cleaning up | Collect as much as possible in a clean container for<br>(preferable) reuse or disposal.<br>尽可能的将其收集在清洁的容器里以便回收或集中处理。。 |

## 7. 操作处置与储存(HANDLING AND STORAGE)

|                            |  |
|----------------------------|--|
| 操作处置/ Handling             | Do not get in eyes, on skin, on clothing.<br>不要接触到眼睛, 皮肤和衣服。   |
| 储存要求/ Storage requirements | Store in a dry and cool place.<br>Avoid direct sunshine, heat, fire fountain.<br>储存于干燥与阴凉的地方。<br>避免阳光直射, 热源及火源 |

## 8. 接触控制/个体防护(EXPOSURE CONTROLS/PERSONAL PROTECTION)

|                             |   |
|-----------------------------|---|
| 工程学控制/ Engineering controls | Ensure good ventilation and local exhaustion of the<br>working area.<br>确保当地工作场所通风。                 |
| 暴露限制/ Exposure limits       |   |
| 个体防护/ Personal protection   |   |
| 呼吸器/ Respiratory            | In case of insufficient ventilation, wear suitable respiratory<br>equipment.<br>在通风不畅的情况下请佩带相应的呼吸器。 |



|                      |  |
|----------------------|--|
| 手/ Hand              | Wear suitable gloves.<br>佩戴相应的长手套。               |
| 眼/ Eye               | Wear safety goggles.<br>佩戴防护眼罩。                  |
| 皮肤和身体/ Skin and body | Wear suitable protective clothing.<br>穿戴相应的保护服装。 |

### 9. 物理和化学特性(PHYSICAL AND CHEMICAL PROPERTIES)

|                                 |                        |  |                        |
|---------------------------------|------------------------|--|------------------------|
| 外观/ Appearance                  | White Powder<br>白色粉末   | 颜色/ Colour                                 | White<br>白色            |
| 气味/ Odor                        | odourless<br>无气味       | 沸点/ Boiling point                          | not applicable<br>不能提供 |
| 熔点/ Melting point               | ---                    | 闪点/ Flash point                            | not applicable<br>不能提供 |
| 易燃性/ Flammability               | not applicable<br>不能提供 | 爆炸极限/ Explosion limits                     | not applicable<br>不能提供 |
| 爆炸性/<br>Explosive<br>properties | not applicable<br>不能提供 | 自燃温度/<br>Auto-ignition temperature         | not applicable<br>不能提供 |
| 比重/ Density                     | ---                    | 加热减量<br>Loss on drying%                    | 4.0-8.0                |
| 溶解性/<br>Solubility in water     | Insoluble              | 在其它溶剂中的溶解性<br>Solubility in other solvents | Insoluble              |
| PH 值/ pH value                  | 5.0-8.0                | 分解系数/<br>Partition coefficient             | not applicable<br>不能提供 |
| n-octanol/water                 | not applicable<br>不能提供 | 相对蒸汽密度/ (air=1)Relative<br>vapour density  | not applicable<br>不能提供 |

### 10. 稳定性和反应性(STABILITY AND REACTIVITY)

|   |  |
|---|--|
| 稳定性/ Stability                                | Stable under recommended storage and handling conditions<br>(see section 7).<br>推荐的稳定储存和搬运条件 (请参照第 7 部分) |
| 应避免的情况/ Conditions to avoid                   | None known 不能提供  |
| 应避免的物质/ Materials to avoid                    | None known 不能提供  |
| 腐烂分解毒性产品/<br>Hazardous decomposition products | None known 不能提供  |

### 11. 毒理学资料(TOXICOLOGICAL INFORMATION)

|                       |   |
|-----------------------|---|
| 名称/ Name              | PRECIPITATED SILICA 二氧化硅                  |
| 敏感性毒害/ Acute toxicity |   |
| 口头的/ Oral LD50        | LD50 rat: > 10000mg/kg Method: Literature |
| 皮肤的/ Dermal LD50      | rabbit/literature<br>Not irritating       |

**易愤怒/ Irritation**

|          |  |
|----------|--|
| 皮肤/ Skin | Not irritating 无刺激性                      |
| 眼睛/ Eye  | rabbit/literature<br>Not irritating 无刺激性 |

**12. 生态学资料(ECOLOGICAL INFORMATION)**

|                  |   |
|------------------|---|
| 名称/ Name         | PRECIPITATED SILICA 二氧化硅                                      |
| 生态学/ Ecotoxicity |   |
| 鱼/ fish          | LC50(Brachydanio rerio): > 10000mg/l /96h<br>Method: OECD 203 |
| 水蚤/ daphnia      | EC50 Daphnia magna: > 10000mg/l /24h<br>Method: OECD 202      |

|                             |                                     |
|-----------------------------|-------------------------------------|
| 藻类/ algae                   | not applicable<br>不能提供              |
| Fate                        |                                     |
| 初级生物/ Degradation<br>Biotic | 不能被轻易分解/ Not readily biodegradable. |

**13. 废弃处理(DISPOSAL CONSIDERATIONS)**

|                              |   |
|------------------------------|---|
| 产品/ Product                  | Avoid discharge into the environment.<br>Small quantities: According to local regulations.<br>Large quantities: Consult Meyors Chemical for special advice.<br>避免流入环境。<br>小量: 根据当地规定。<br>大量: 请联系美尔化工获取建议。 |
| 包装污染/ Contaminated packaging | According to local regulations.<br>根据当地规定。  |
| 其他信息/ Other information      | Waste code number: Please refer to your specific industry in the European Waste Catalogue.<br>消耗物代码: 请联系欧洲在消耗物领域的特殊工业。  |

**14. 运输信息(TRANSPORT INFORMATION)****陆运/ Land transport (ADR/ RID)**

|  |                          |                                     |        |
|--|--------------------------|-------------------------------------|--------|
| ADR 等级/ ADR class                      | None 无                   | RID 等级/ RID class                   | None 无 |
| ADR/RID 包装组成/<br>ADR/RID packing group | None 无                   | 危害鉴定号/<br>Hazard Identification No. | None 无 |
| 物质鉴定号/<br>Substance Identification No. | None 无                   | UN 号<br>UN number                   | None 无 |
| 适当海运名称/<br>Proper Shipping Name        | PRECIPITATED SILICA 二氧化硅 |                                     |        |

**海运/ Sea transport (IMDG-code/ IMO)**

|                                   |              |                         |        |
|-----------------------------------|--------------|-------------------------|--------|
| 正确的技术名称<br>Correct technical name | None 无       | IMDG 等级<br>IMDG Class   | None 无 |
| UN 号码/ UN Number                  | Not relevant | 包装组成<br>Packaging group | None 无 |
| EMS 号/ EMS Number                 | Not relevant |                         | ---    |

**空运/ Air transport (ICAO-TI/ IATA-DGR)**

|   |                          |                   |    |
|---|--------------------------|-------------------|----|
| ICAO-TI/IATA-DGR 等级<br>ICAO-TI/IATA-DGR Class |                          | UN 号<br>UN number | -- |
| 包装组成<br>Packing group                         |                          |                   |    |
| 正确的技术名称<br>Correct technical name             | PRECIPITATED SILICA 二氧化硅 |                   |    |

**15. 法规信息(REGULATORY INFORMATION)**

|  |  |
|--|--|
| 化学品描述/ Chemical description                      | PRECIPITATED SILICA 二氧化硅   |
| 标签根据 EC 指标/ Labelling according to EC directives |  |
| EC 号/ EC-number                                  | See section 2<br>查看第 2 部分  |
| 分级标准/ Classification based on                    | Annex-1 to directive 67/548/EEC<br>根据 67/548/EEC 指示<br>On the basis of information available to us, this product is not a hazardous substance in the sense of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.<br>在现行危害品法规中, 本产品非属危害品物质。<br>S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| 危险性短语/ R(isk) phrase(s)                          | S 36 Wear suitable protective clothing.<br>S 24 接触到眼睛立即用水冲洗, 遵循医嘱。<br>S 37 穿着合适的防护服。   |
| 安全性短语/ S(afety) phrase(s)                        | To be displayed on the label: "EC label".<br>显示在"EC label"标签上。   |
| 其他信息/ Other information                          | -----  |
| Wassergefährdungsklasse (WGK)                    | -----  |

**16. 其他信息(OTHER INFORMATION)**

**This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and**

这些信息仅仅涉及以上提到的产品, 如果用于其他产品或其他过程, 本公司不付任何法律责任。这些信息是我们当前最新最好的资料编写而成, 值得信任, 但我们不能绝对保证没有错误。它仅仅起到提醒使用者自己使这些信息指导相关

**Meyors - RBB**



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