

化学品安全技术说明书

Material Safety Data Sheet

样品名称: 聚氨酯热熔胶粉末

Samples Name: Polyurethane(TPU)

型号: HS-06

Model: /

批号: /

Item Number: /

委托单位: 广州市合盛新材料科技有限公司

Applicant: /

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第一项：配制品名称和制造商信息

Section 1 - Chemical Product and Company Identification

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|--------------------------------|-------------------------------|-----------|-------------|
| 配制品名称 Product Name | 聚氨酯热熔胶粉末 Polyurethane(TPU) | | |
| 生产企业名称 Manufacturer | 广州市合盛实业有限公司 | | |
| 生产企业地址 Manufacturer Address | 广东省广州市增城区石滩镇山村原山村小学 | | |
| 联系人 Contacts | 姜经理 Manager Jiang | 电话 Tel | 19521128665 |
| 邮编 Postcode | / | 传真 Fax | / |
| 电子邮件地址 Email | / | | |

第二项：危害信息

Section 2 - Hazards Identification

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|-----------------------------|----------------|
| 危险性类别 Hazards category | 无资料 No data |
| 健康危害 Health hazards | 无资料 No data |
| 环境危害 Environment hazards | 无资料 No data |
| 燃爆危险 Burn & burst danger | 无资料 No data |

第三项：组成信息

Section 3 -Composition/Information on Ingredient

化学成分：
Composition:

| 化学名称 Chemical Name | 成分比(%) Composition (in% by weight) | 化学式 Chemical formula | CAS号 CAS No. | EC号 ECNo. |
|-----------------------|--|----------------------------|-----------------|--------------|
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| | | | | |
|---------------------|-----|---|------------|-----------|
| 聚氨酯 Polyurethane | 100 | / | 51852-81-4 | 610-745-9 |
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第四项：急救措施

Section 4 - First Aid Measures

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| 皮肤接触 Skin touch | 常规情况下，无危害。不需要紧急救治。 Under normal circumstances, there is no harm. There is no need for emergency treatment. |
| 眼睛接触 Eyes touch | 大量的水冲洗。如不适，请就医 Rinse with plenty of water. If unwell, seek medical attention |
| 吸入 Inhalation | 立即将患者移到新鲜空气处。如果呼吸困难，给予吸氧。如患者食入或吸入本物质，不得进行口对口人工呼吸。如果呼吸停止。立即进行心肺复苏术。立即就医。 Immediately move the patient to fresh air. If breathing is difficult, give oxygen. If the patient ingests or inhales this substance, Mouth-to-mouth resuscitation is not allowed. If breathing stops. Perform Cardiopulmonary resuscitation immediately. Seek medical attention immediately. |
| 食入 Ingestion | 禁止催吐，切勿给失去知觉者从嘴里喂食任何东西。立即就医。 Do not induce vomiting and do not feed anything from the mouth to unconscious individuals. Seek medical attention immediately. |

第五项：消防措施

Section 5 - Fire Fighting Measures Danger

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| 危险特性 Characteristic | 受热或接触火焰可能会产生膨胀或爆炸性分解 Heating or contact with flames may cause expansion or explosive decomposition |
| 有害燃烧产物 Hazardous combustion products | 无资料 No data |
| 灭火方法及灭火剂 Fire-Fighting method & media | 用耐醇泡沫，干粉或二氧化碳灭火。 Use alcohol resistant foam, dry powder or carbon dioxide to extinguish the fire. |



第六项：泄漏应急处理

Section 6 –Accidental Release Measures

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| 应急处理 Emergency treatment | 保证充分的通风。清除所有点火源。采取防静电措施。迅速将人员撤离到安全区域，远离泄漏区域并处于上风方向。使用个人防护装备，不要吸入粉尘/烟。 Ensure sufficient ventilation. Remove all ignition sources. Take anti-static measures. Quickly evacuate personnel to a safe area, away from the leakage area and in an upwind direction. Use personal protective equipment and do not inhale dust/smoke. |
| 泄露处理 Leakage handling | 用洁净的铲子收集泄漏物，置于干净、干燥、盖子较松的容器中，将容器移离泄漏区。附着物或收集物应存放在合适的密闭容器中，并根据当地相关法律法规废弃处置。 Collect the leakage with a clean shovel and place it in a clean, dry container with a loose lid. Move the container away from the leakage area. Attached or collected materials should be stored in suitable sealed containers and disposed of in accordance with local laws and regulations. |

第七项：操作和储存

Section 7 - Handling and Storage

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| 操作注意事项 Handling | 操作人员必须经过专门培训，严格遵守操作规程。防止粉尘和气溶胶生成。在有粉尘生成的地方,提供合适的排风设备。 Operators must undergo specialized training and strictly adhere to operating procedures. Prevent the generation of dust and aerosols. Provide suitable exhaust equipment in areas with dust generation |
| 储存注意事项 Storage | 保持容器密闭。储存在干燥、阴凉和通风处。远离热源、火花、明火和热表面。存储于远离不相容材料和食品容器的地方 Keep the container tightly closed. Store in a dry, cool, and ventilated place. Keep away from heat sources, sparks, open flames, and hot surfaces. Store away from incompatible materials and Food contact materials |

第八项：接触控制和个人防护措施

Section 8 - Exposure Controls, Personal Protection

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| 工程控制 Engineering control | 保持充分的通风，特别在封闭区内。确保在工作场所附近有洗眼和淋浴设施。使用防爆电器、通风、照明等设备。设置应急撤离通道和必 |
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| | 要的泄险区。 Maintain sufficient ventilation, especially in enclosed areas. Ensure that there are eye wash and shower facilities near the workplace. Use explosion-proof electrical appliances, ventilation, lighting and other equipment. Set up emergency evacuation routes and necessary risk relief areas. |
| 呼吸系统防护 Respiratory protection | 通常情况下不需要呼吸系统防, 如果蒸气/粉尘浓度超过职业接触限值或发生刺激等症状时, 戴防尘口罩或防毒面具。 Normally, respiratory system protection is not required. If the vapor/dust concentration exceeds the occupational exposure limit or irritation and other symptoms occur, wear a Dust mask or Gas mask. |
| 手防护 Hand protection | 通常情况下不需要手部防护。 Normally, hand protection is not required. |
| 眼睛防护 Eye protection | 通常情况下不需要眼睛防护, 在生产过程中如果接触到蒸汽/粉尘, 佩戴化学护目镜 Normally, eye protection is not required. If exposed to steam/dust during production, chemical goggles should be worn |
| 皮肤和身体防护 Body protection | 通常情况下不需要皮肤和身体防护。 Normally, skin and body protection are not required |
| 其他防护 Other protection | 工作现场禁止吸烟、进食和饮水。注意个人清洁卫生。 Smoking, eating and drinking are prohibited at the work site. Pay attention to personal hygiene. |

第九项：理化特性

Section 9 - Physical and Chemical Properties

| | | | |
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| 外观 Exterior | 室温下的固体颗粒或粉末 Solid particles or powders at room temperature | | |
| 颜色 Colour | 白色 White | 气味 Odor | 无气味 No odor |
| 密度 Density | 1.12 g/cm ³ (20°C) | 沸点 Boiling point | 无数据 No data |
| 熔点 Melting point | 110-120 °C(DSC) | 闪点 Flash point | 无数据 No data |
| 气压 Air pressure | 无数据 No data | 水溶性 Water soluble | 不溶 Insoluble |
| 分配系数(正辛醇\水) Partition coefficient (N-octanol--water) | 无数据 No data | 粘度 Viscosity | 无数据 No data |
| pH值 pH value | 无数据 No data | 溶剂吸入许可量 Permissible amount | 无数据 No data |



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| | | of solvent intake | |
| 溶解性 Solubility | 无数据 No data | 燃点温度 Ignition temperature | >350°C |

第十项：稳定性和反应活性

Section 10 - Stability and Reactivity

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| 稳定性 Stability | 常态下稳定。350°C以上发生热分解。 Stable under normal conditions. Thermal decomposition occurs above 350 °C. |
| 禁配物 Incompatible materials | 无数据 No data |
| 避免接触的条件 Conditions to avoid | 热、火焰、火花 Heat, flames, sparks |
| 聚合危害 Aggregation hazard | 无数据 No data |
| 分解产物 Decomposition products | 正常情况下使用，无有害物质产生。 Under normal conditions, no harmful substances are produced. |

第十一项：毒理学信息

Section 11 - Toxicological Information

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| 急性毒性. Acute toxicity | 无数据 No data |
| 亚急性毒性和慢性毒性 Subacute and chronic toxicity | 无数据 No data |
| 刺激性 Irritating | 无数据 No data |
| 致敏性 Sensitization | 无数据 No data |
| 致突变性 Mutagenicity | 无数据 No data |
| 致癌性 Carcinogenicity | 无数据 No data |
| 其他 Other | 无数据 No data |



第十二项：生态学信息

Section 12 - Ecological Information

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| 生态毒性 Ecotoxicity | 无已知重大影响或严重危害。 There is no known significant impact or serious hazard. |
| 生物降解性 Biodegradability | 无数据 No data |
| 非生物降解性 Non-biodegradability | 无数据 No data |
| 生物毒性或生物积累性 Biological toxicity or bioaccumulation | 无数据 No data |
| 其他有害作用 Other harmful effects | 无已知重大影响或严重危害。 There is no known significant impact or serious hazard. |

第十三项：废弃处置

Section 13 - Disposal Considerations

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| 废弃物性质 Nature of waste | 无数据 No data |
| 废弃处置方法 Disposal methods | 处置之前应参阅国家和地方有关法规。建议用焚烧法处置。 Relevant national and local regulations should be consulted before disposal. Suggest using incineration method for disposal |
| 废弃注意事项 Disposal considerations | 请参阅废弃化学品和污染包装物。 Please refer to waste chemicals and contaminated packaging. |

第十四项：运输信息

Section 14 - Transport Information

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| 危险货物编号 Dangerous goods No. | 无数据 No data |
| UN编号 UN No. | 无数据 No data |



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| 包装标志 Packaging logo | 无数据 No data |
| 包装方法 Wrapping method | 无数据 No data |
| 运输注意事项 Transportation considerations | <p>严禁与食用化学品等混装混运。装运该物品的车辆排气管必须配备阻火装置。使用槽(罐)车运输时应接地链,槽内可设孔隔板以减少震荡产生静电。禁止使用易产生火花的机械设备和工具装卸。夏季最好早晚运输。运输途中应防暴晒、雨淋,防高温。中途停留时应远离火种、热源、高温区。公路运输时要按规定路线行驶,勿在居民区和人口稠密区停留。铁路运输时要禁止溜放。严禁用木船、水泥船散装运输。运输工具上应根据相关运输要求张贴危险标志、公告。</p> <p>It is strictly prohibited to mix and transport with edible chemicals. The exhaust pipe of the vehicle carrying this item must be equipped with a flame retardant device. When using tank trucks for transportation, there should be a grounding chain, and holes and partitions can be installed inside the tank to reduce vibration and generate static electricity. It is prohibited to use mechanical equipment and tools that are prone to sparks for loading and unloading. It is best to transport in the morning and evening in summer. During transportation, it is necessary to prevent exposure to sunlight, rain, and high temperatures. When stopping midway, one should stay away from sparks, heat sources, and high temperature areas. During road transportation, it is necessary to follow the prescribed route and not stay in residential or densely populated areas. It is prohibited to slide during railway transportation. It is strictly prohibited to transport in bulk using wooden or cement boats. Danger signs and notices should be posted on transportation vehicles according to relevant transportation requirements.</p> |

第十五项: 法规信息

Section 15 - Regulatory Information

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| 法规信息 Regulatory Information | <p>ISO 11014-2009 化学品用安全资料表内容和排列顺序章节; Regulation (EC) No 1272/2008 物质及混合物分类、标签和包装法规; IATA 第 64 版《危险品规则》(2023 年版); 《海运危险货物规则》(Amdt. 40-20) (2020 年版)</p> <p>ISO 11014-2009 Chemical use safety data sheet content and sequence section; Regulation (EC) No 1272/2008 Substances and mixtures</p> |
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| | classification, labeling and packaging regulations; IATA Edition 64 Dangerous Goods Rules (2023 Edition) Marine Dangerous Goods Rules (Amdt. 40-20) (2020 edition); |
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第十六项：其他信息

Section 16 - Additional Information

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