

一. Identifications of Substance and Company

物品與廠商資料

- 1.1 Product Name: RUBBER MODIFIER
物品名稱： 橡膠改質劑 RT-900
- 1.2 Producer(supplier): GUANZHOU BAIYUN XINGGONG CHEMICAL LTD
製造商（供應商名稱）： 廣州白雲信港化工有限公司
- 1.3 Address: 204,FLOOR 2,BUILDING D, NO.206,YUEXI STREET, TONGDE STREET,BAIYUN DISTRICT,GUANGZHOU
地址： 廣州市白雲區同德街粵溪大街 206 号 D 栋二楼 204
- 1.4 Phone: 020-86488586

二. Composition /Information on Ingredients

成份辨識資料

- 2.1 Styrene-butadiene CAS NO: 9003-55-8
苯乙烯丁二烯嵌段共聚物 ≥30% 化学文摘登记号:
Modified powder CAS NO: Not applicable
改性粉 ≥40% 化学文摘登记号: 不适用
O₂Si, Cabon fibre, Coupling agent
橡胶油、干凝硅胶、偶合劑 ≤30%
- 2.2 According to GHS regulations and does not contain hazardous substance
依 GHS 規範並不含有害危害物質

三. Hazards Identifications

危害辨識資料

- 3.1 Hazard class: No classification is required based on existing information.
危險性類別： 根据现有信息无需进行分类。
- 3.2 Risk Phrases: R43:(May cause sensitization in contact with skin).
风险用语： R43(皮肤接触可能会过敏)。
- 3.3 Health hazard: Irritating to skin on repeated contact, may irritate eyes, harmful if swallowed.
健康危害： 反复接触对皮肤有刺激，可能刺激眼睛， 吞咽有害。
- 3.4 Environmental hazard: No environmental hazard under normal operation.
環境危害： 常规操作下无环境危害。

四. First-aid Measures

急救措施

- 4.1 Inhalation: If coughing, shortness of breath or other breathing problems occur, move the patient to fresh air. If symptoms persist, seek medical attention.
吸入： 若咳嗽、呼吸急促或其他呼吸问题发生， 将患者移至空气新鲜处。若症状持续， 就医。
- 4.2 Skin contact: Take off contaminated clothes and wash with soapy water and running water.
皮膚接觸： 脱去污染衣着， 用肥皂水和流动清水冲洗。
- 4.3 Eye contact: Lift the eyelids, rinse them with flowing water or normal saline for 15 minutes and send them to hospital immediately.
眼睛接觸： 提起眼睑， 用流动的清水或生理盐水冲洗 15 分钟， 立即送醫。
- 4.4 Eating: Brush your mouth thoroughly and take milk, soybean milk or egg white orally. If you swallow too

much, please send to a doctor immediately.

食入：徹底刷口,口服牛奶、豆浆或蛋清，如吞食過量，請立即送醫。

五. Fire-fighting Measures

滅火措施

5.1 Extinguishing Media: Water mist, alcohol-resistant foam, dry powder or carbon dioxide extinguishing..

適用滅火劑：水霧，耐醇泡沫，干粉或二氧化碳。

5.2 Not suitable Extinguishing Media: DC water

不適用滅火劑：直流水。

5.3 Particular hazards resulting from such substances or mixtures: carbon oxides, sulfur oxides.

源于此物质或混合物的特别的危害：碳氧化物，硫氧化物。

5.3 Firemen should wear fire-resistant or fire-resistant clothing, face mask, helmet and gloves, and positive pressure self-contained breathing equipment (SCBA).

灭火注意措施及防护措施：消防人员需穿戴耐火或防火的衣服,同时穿戴面罩,头盔和手套,正压自给式呼吸设备（SCBA）。

六. Accidental Release Measures

洩漏處理方法

6.1 Leakage cleaning method: If the heated molten material of this product leaks, do not touch it unless it has cooled sufficiently. Collect spills in airtight containers if possible and remove to a safe place. If appropriate, moisten spillage to prevent dispersion. Immediately embankment to prevent spills from spreading into water (rivers, sewers, etc.).

洩漏清理方法：如果本产品的加热熔融材料泄漏出来，不要直接接触它，除非充分冷却。尽可能将泄漏收集在密封容器中，并将其转移到安全的地方。如果合适,湿润泄漏物以防止分散。立即筑堤以防止泄漏分散进入水域（河流,下水道等等）。

6.2 CERCLA Report Number (RQ): No applicable data

CERCLA 报告数量（RQ）：没有适用的数据

七. Safe operation and Storage

安全操作與儲存方法

7.1 Operation matters: Eliminate all ignition sources! Operate the product in a closed system or use a dust collector to prevent exposure to dust

操作事項：消除所有点火源！在封闭系统中操作本品或使用集尘器，以防止暴露于粉尘环境。

Use protective measures such as grounding and jumpers to prevent static electricity, wear anti-static shoes and clothing, and use grounded conductive floors. Do not use low-conductive materials such as plastic liners, bags and filters in equipment and containers. Use electrical/ventilation/lighting/equipment to prevent dust explosions.

采用接地和跨接等防护措施以预防静电，穿防静电鞋和衣服，采用接地导电地板。在设备和容器中不要使用低导电材料,如塑料内衬、包装袋和过滤器等。采用预防粉尘爆炸的电气/通风/照明/设备。

Avoid contact with eyes, skin and clothing. Do not touch heated molten material directly unless cooled sufficiently. Do not reuse packaging. Wash thoroughly with water and soap after work.

避免接触眼睛、皮肤和衣服。不要直接接触加热熔化的材料,除非充分冷却。不要重复使用包装。工作完后应用水和肥皂彻底清洗。

7.2 Storage: Storage method: Store in a cool, dry and ventilated warehouse without direct sunlight, and take

preventive measures against static electricity.

儲存方法：儲存於陰涼、乾燥通風、无阳光直射的庫房，对静电采取预防措施。

八. Contact and Precaution

接觸與防護措施

- 8.1 Respiratory protection: In general, no special protection is required. If the dust depth in the air exceeds, wear a self-priming filter dust mask.
呼吸系统防护：一般情况下不需要特殊防护。如果空气中粉尘深度超过，佩戴自吸过滤式防尘口罩。
- 8.2 Eye protection: chemical safety goggles or protective glasses with side panels, face mask..
眼面防护：化学安全护目镜或者带侧板的防护眼镜，面罩。
- 8.3 Body protection: Heat-resistant protective clothing (long-sleeved work clothes).
身体防护：耐热防护服（长袖工作服）
- 8.4 Hand protection: Protective gloves.
手防护：防护手套。
- 8.5 Other protection: Smoking, eating and drinking are prohibited at the work site. Shower and change clothes after work. Keep good hygiene habits.
其它防护：工作现场禁止吸烟、进食和饮水。工作完毕，淋浴更衣。保持良好的卫生习惯。

九. Physical and Chemical Property

物理及化學性質

- 9.1 Exterior: White granules with slight odor.
外觀：白色顆粒，气味轻微。
- 9.2 Specific Gravity
比重 1.6±0.1
- 9.3 PH: Not Applicable
PH 值：不適用
- 9.4 Volatile (%): Negligible
挥发物(%): 可忽略
- 9.5 Melting point
軟化點：>90°C
- 9.6 Flash Point:
闪点：>400°C
- 9.7 Flash Point Determination Method: Open Bottle Method
闪点测定方法：开口瓶法
- 9.8 Spontaneous combustion temperature: No data
自燃温度（°F/°C）：无资料
- 9.9 Lowest\highest explosion limit (LEL) in air: Not Applicable
空气中最低\最高爆炸极限(LEL)：不適用
- 9.10 Boiling point: Not Applicable
沸点（F/°C）：不適用
- 9.11 Vapor pressure: Negligible
蒸气压：可忽略
- 9.12 Viscosity
粘度：N/A

9.13	Molecular weight: Mixture 分子量：混合物
9.14	Solubility: Insoluble in water, soluble in acetone. 溶解性：不溶于水，溶于丙酮。

十. Stability and Reactivity 安定性及反應性	
10.1	Stability: stable at room temperature and pressure. It is stable during normal handling, use and transportation. Stable in the allowed heating range and exposure to air. 安定性：常温常压下稳定。在通常的处理、使用和运输过程中是安定的。在允许的加热范围和暴露在空气中是安定的。
10.2	Hazardous reactions during special condition: Dangerous polymerization does not occur 特殊狀況下可能之危害反應：危險聚合反应不会发生。
10.3	Decomposition products: Carbon monoxide, oxides of nitrogen. 分解产物：一氧化碳，氮的氧化物。
10.4	Materials to avoid: Open flame, electric spark, mechanical spark, electrostatic discharge, strong oxidant, strong acid. 應避免之物資：明火、电火花、机械火花、静电放电，强氧化剂、强酸。

十一. Toxicological Information 毒性資料	
11.1	Acute toxicity: No data 急毒性：無数据
11.2	Toxicity: No data 亚急性和慢性毒性：無数据
11.3	Skin corrosion/irritation: Prolonged or repeated exposure may dry skin and cause irritation. 皮肤腐蚀/刺激性：长期或反复接触可能使皮肤干燥并引起刺激。
11.4	Eye Damage/Irritation: Dust contact with eyes can cause mechanical irritation. 眼睛损伤/刺激性：粉尘与眼睛接触会导致机械性刺激。
11.5	Mutagenicity: No data 致突变性：無数据
11.6	Teratogenicity: No data 致畸性：無数据
11.7	Carcinogenicity: No data 致癌性：無数据

十二. Ecological Information 生態資料	
12.1	Ecotoxicological toxicity: None 生态毒理毒性：無
12.2	Biodegradability: None 生物降解性：無
12.3	Non biodegradability: None 非生物降解性：無

12.4 Bioaccumulation: This product does not have bioaccumulation.

生物蓄积性：本品不具有生物蓄积性。

12.5 Octanol/water partition coefficient: final

辛醇/水分配系数：未测

十三. Disposal Method

廢棄處置方法

13.1 Nature of waste: Waste products can be disposed of in landfill, and should be disposed of in accordance with relevant national and local waste regulations. Contaminated packaging and containers should be treated in the same way.

废弃物性质：废弃产品可选择填埋处理，处置时应遵循国家和地方相关废弃物法规处置。受污染的包装和容器也应作同样处理。

13.2 Waste disposal method: dispose, bury, burn or recycle according to the requirements of relevant national and local laws and regulations.

废弃处理方法：根据国家和地方有关法规的要求处置，掩埋、焚燒或回收处理。

13.3 Precautions for waste: Select a qualified waste treatment insurer.

废弃注意事项：选择有资质的废弃处理承保人。

十四. Transport Information

運輸信息

14.1 Land transport: Not dangerous to transport, not regulated.

陆运：非危险运输品，不受管制。

UN code: None

UN 编码：無

14.2 Sea transportation: Not dangerous to transport, not regulated.

海运：非危险运输品，不受管制。

UN code: None

UN 编码：無

14.3. Air freight: Not dangerous to transport, not regulated.

空运：非危险运输品，不受管制。

UN code: None

UN 编码：無

14.4 This product is not hazardous. Please comply with national and international transportation regulations during transportation.

该产品没有危险。运输时请遵守国家和国际运输规则。

十五. Statute Information

法規資料

15.1 Occupational Safety and Health Act

职业安全卫生法

15.2 ISO 11014-2009 Chemical products safety data sheet content and sequence section

ISO 11014-2009 化学用品安全资料表内容和排列顺序章节

15.3 Road traffic safety rules

道路交通安全规则

- 15.4 Storage, removal and disposal methods and facility standards for business waste
事业废弃物保存清除处理方法及设施标准
- 15.5 Permissible exposure standards for workers in workplaces
劳工作业场所容许暴露标准
- 15.6 Regulation (EC) No 1272-2013 regulation on the classification, labelling and packaging of substances and mixtures.
法规 (EC) No 1272-2013 物质及混合物分类、标签和包装法规。

十六. Other Information

其他資料

- 16.1 Statement: This SDS is based on our current knowledge and provides the correct safety precautions required for chemicals. This document is not a guarantee of the characteristics of the product, nor is it a legally binding contractual relationship. This note is for industrial use only and should not be used for pharmaceutical or other purposes.
声明：本 SDS 是以我们现有的知识而撰写，提供了有关化学品所需正确的安全注意事项。此文件并非为产品特性之保证，也不为具有法律效力的合同关系。本说明仅供工业生产使用，不能用作药物或其它用途。
- 16.2 Reference
参考文献
1. Global Harmonization system for GHS Chemicals
GHS 化学品全球调和制度
 2. Classification, Labelling and Packaging of Chemical Substances and Mixtures
化学物质和混合物分类、标示与包装法规 (Regulation(EC)No.1272/200/)
- 16.3 Drawing by: GUANZHOU BAIYUN XINGGONG CHEMICAL LTD
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