


一： Identifications of Substance and Company 化学品及企业标识

1.1 Product Name	CYKJ TS80
物品名稱	橡胶促进剂
1.2 Producer(supplier)	DongGuanShi ChangYou Rubber Plastic Material Co.,Ltd
製造商（供應商名稱）	东莞市长佑橡塑材料科技有限公司
1.3 Address	No.1 Alley 9 CaiBaiShangKou New Vilage, DaoJiao Town, DongGuan City
地址	东莞市道滘镇蔡白上口新村 9 巷 1 号
1.4 Phone	0769-81330029
Fax	0769-81330039

二： Information on Ingredients 成份组成信息

2.1 TS	CAS NO. 97-74-5
一硫化四甲基秋兰姆 ≥ 75%	化学文摘登记号:
2.2 Synthal rubber	
橡胶弹性载体 ≤ 25%	
2.4 EINECS	
化合物目录数据库	202-605-7

三： Hazard overview 危险性概述

- 3.1 Hazard class  危險性類別 GHS09 environment
- 3.2 Health hazard: Irritation to skin by repeated contact, possible irritation to eyes, nausea by inhalation, harmful by large swallowing.
健康危害：反复接触对皮肤有刺激，可能刺激眼睛，吸入可能造成恶心，大量吞咽有害。
- 3.3 Environmental hazard: It may cause long-term harmful effects in the aquatic environment.
環境危害：R50/53 对水生生物有毒，在水生环境可能会引起长期有害作用。
- 3.4 Safety suggestions: S60 (substances and containers must be placed as hazardous waste), S61 (prevent discharge to the environment)
安全建议：S60 (物质及容器必须按危险废物放置)、S61 (防止排向环境)
- 3.5 Explosion hazard: Non-combustible
燃爆危險：本品不燃

四： First-aid Measures 急救措施

- 4.1 Inhalation: Move to fresh air. If breathing is difficult, give oxygen and send to a doctor immediately.
吸入：移至新鲜空气处。如呼吸困难，给输氧，立即送医。
- 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，立即送医。
- 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：彻底刷口，口服牛奶、豆浆或蛋清，如吞食过量，请立即送医。

五： Fire fighting measures 消防措施

- 5.1 Extinguishing Media: Foam, dry powder, carbon dioxide, water spray.
適用滅火劑：泡沫、干粉、二氧化碳、霧狀水。
- 5.2 Hazardous combustion products: Sulfur oxide, carbon monoxide and other toxic gases.
有害燃燒產物：氧化硫，一氧化碳等有毒氣體。
- 5.3 Combustion limit (approximate volume in air attempt %): LEL:N/D UEL:N/D
燃燒極限（空氣中近似體積嘗試%）：LEL:N/D UEL:N/D
- 5.4 Firemen should wear fire-resistant or fire-resistant clothing, face mask, helmet and gloves, and positive pressure self-contained breathing equipment (SCBA).
滅火注意措施及防護措施：消防人員需穿戴耐火或防火的衣服，同時穿戴面罩，頭盔和手套，正壓自給式呼吸設備（SCBA）。
- 5.5 Fire extinguishing guidance: Keep a safe distance from extinguishing. decomposition may release toxic gases. Prevent dilution from controlled areas into rivers, sewers or potable water supplies.
滅火指導：滅火保持安全距離，火中分解可能放出有毒氣體。防止控區的稀釋流出進入河流、下水道或飲用水供應系統。

六： Leakage emergency treatment 洩漏應急處理

- 6.1 Leakage cleaning method: Wear special protective clothing, avoid dust, carefully sweep, collect in an airtight container, recycle or transport to the waste treatment site for disposal.
洩漏清理方法：穿特別防護衣，避免揚塵，小心掃起，收集於密封容器中，回收或運至廢物處理場所處置。
- 6.2 CERCLA Report Number (RQ): No applicable data
CERCLA 報告數量（RQ）：沒有適用的數據
- 6.3 Other: Avoid drainage into the sewer
其它：避免排入下水道

七： Safe operation and Storage 安全操作與儲存

- 7.1 Operation matters: closed operation, pay attention to ventilation. Wear dust masks, eye protection, latex gloves and protective clothing. Light handling, avoid dust. Wash thoroughly with water and soap after work.
操作事項：密閉操作，注意通風。佩帶防塵口罩，防護眼睛，乳膠手套及防護服。輕裝卸，避免粉塵。工作完後應用水和肥皂徹底清洗。
- 7.2 Storage: store in a cool, dry, ventilated warehouse without direct sunlight, away from strong acid. Products should not be piled.
儲存方法：儲存於陰涼、乾燥通風、無陽光直接照射的庫房，遠離強酸。不應堆壓產品。

八： Exposure control / personal protection 接觸控制/個體防護

- 8.1 Precaution: Wear filter dust masks, eye protection, latex gloves and protective clothing. Wash hands with soap completely after finishing operating.
防護措施：佩帶防塵口罩，防護眼睛，乳膠手套及防護服。操作完畢徹底用肥皂及清水洗手。
- 8.2 Protective equipment (Graphics)
防護設備(圖形)
- 8.3 Air Exposure Limits:
空氣暴露極限：
Dust damage:



粉尘损害: OSHA PEL/8-Hr TWA = 15 mg/m³ (粉尘总浓度)
OSHA PEL/8-Hr TWA = 0.5 mg/m³ (可呼吸粉尘浓度)
ACGIH TLV/8-Hr TWA = 10 mg/m³

- 8.4 Ventilation: Local ventilation must be used to control airborne contaminants within product exposure limits during product use. If the air is recycled, it must be filtered.
通风: 在产品使用期间必须使用局部的通风控制空气中的污染物在产品暴露极限之内。如果空气循环利用, 必须经过过滤。

九: Physical and Chemical Property 物理及化学特性

- 9.1 Exterior: Gray-white granules
外觀: 灰白色顆粒
- 9.2 Specific Gravity
比重: 1.20±0.10
- 9.3 Flash Point (° F/° C): No data
闪点 (°F/°C): 无资料
- 9.4 Melting point
熔点 (F/°C): >105°C
- 9.5 Boiling point
沸点 (F/°C): N/A
- 9.6 Vapor pressure: Negligible
蒸气压: 可忽略
- 9.7 PH value: Not applicable
PH 值: 不适用
- 9.8 Viscosity: Not applicable
粘度: 不适用
- 9.9 Spontaneous combustion temperature: No data
自燃温度 (°F/°C): 无资料
- 9.10 Lowest\highest explosion limit (LEL) in air: No data
空气中最低爆炸极限(LEL): 无资料
- 9.11 Solubility: Soluble in ethanol, acetone, insoluble in water.
溶解性: 溶於乙醇、丙酮, 不溶于水。
- 9.12 Molecular weight: Mixture
分子量: 混合物

第十部分: Stability and reactivity 稳定性和反应活性

- 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: 不会发生危险的聚合反应
- 10.3 Decomposition products: Carbon and sulfur oxides.
分解产物: 碳和硫的氧化物。
- 10.4 Conditions to avoid: Away from heat, sparks, flames and static electricity.
應避免之狀況: 远离受热、火星、火焰和静电。

- 10.5 Materials to avoid: Avoid strong oxidants such as liquid chlorine and high concentrations of oxygen.
應避免之物質：避免接受强氧化剂如液氯和高浓度的氧。

第十一部分：Toxicological Information 毒理学信息

- 11.1 Effect of oral(mg/kg)
口服效应 LD50(mg/kg): >7940mg/kg
- 11.2 Skin effect(mg/kg)
表皮效应 LD50(mg/kg): >7940mg/kg
- 11.3 Skin effect(mg/kg)
吸入效应 LC50(mg/kg) : N/A
- 11.4 Worsening conditions: Lung dysfunction, skin disease, eye disease.
恶化条件：肺部疾病，皮肤病，眼疾
- 11.5 Other pathogenic factors: An unknown
其它致病因素：不详
- 11.6 Toxic effects on biological reproduction/development: No teratogenesis was observed in mice.
对生物生殖/发育的毒性影响：在鼠类上实验未导致畸形儿产生

第十二部分：Ecological Information 生態資料

- 12.1 Ecological literacy:
生态素养性：
1. Fish 96Hr LC50 rainbow trout
鱼类 96Hr LC50 虹鳟鱼 = 66 mg/1..
2. The 48Hr LC50 of crustacean daphnia
甲壳类 48Hr LC50 水蚤 = 82 mg/1
3. Water algae 96Hr EC50 algae
水藻类 96Hr EC50 海藻 = 0.7 mg/1
- 12.2 Octanol/water partition coefficient: final
辛醇/水分配系数：未测
- 12.3 Decomposition information: Decomposition rate of sunlight exposure $T(1/2)=3$ hour
分解信息：阳光照射分解率 $T(1/2)=3$ 小时

第十三部分：Disposal Method 廢棄處置方法

- 13.1 Nature of waste: This product is harmless if handled in a standard manner. Refer to relevant national and local regulations before disposal. Incineration is recommended.
废弃物性质：本产品若按标准的方法处置是没有危害的。处置前应参阅国家和地方有关法规。建议用焚烧法处置。
- 13.2 Waste disposal method: According to the requirements of national and local laws and regulations, disposal, reuse and recycling, burying, burning or recycling.
废弃处理方法：根据国家和地方有关法规的要求处置，重复利用和回收方式，掩埋、焚烧或回收处理。
- 13.3 Precautions for waste: it is forbidden to flow directly into the sewer.
废弃注意事项：禁止直接流入下水道

第十四部分：Transport Information 運輸信息

14.1 Transport number of dangerous goods No.

危险货物运输编号：UN3077

14.2 Name of appropriate Transport: Hazardous to the Environment, solid, Bis(dimethylthiocarbamyl) sulfide.

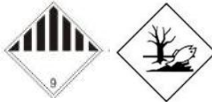
适当运输名称：对环境有害物质，固体，一硫化四甲基秋兰姆。

14.3 IMDG rule page: --

IMDG 规则页码：--

14.4 Classification of transport hazards:

运输危害分类：9 级

**第十五部分：Statute Information 法規資料**

15.1 Occupational Safety and Health Act

职业安全卫生法

15.2 Hazardous chemicals labeling and General knowledge rules

危害性化学品标示及通识规则

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 Measures for the assessment and grading administration of hazardous chemicals

危害性化学品评估及分级管理办法

15.7 EU Directive 67/548/EEC Annex III, Annex IV:

欧盟指导标准 67/548/EEC 附录 III、附录 IV:

第十六部分：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/)

3. ChangYou Laboratory analyzed data

长佑橡塑实验室分析数据



东莞市长佑橡塑材料科技有限公司

MATERIAL SAFETY DATA SHEET

物質安全資料表

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- 16.3 Drawing by: DongGuanShi ChangYou Rubber Plastic Material Co.,Ltd
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- 16.4 Data review: Laboratory, He Songwen
数据审核: 长佑橡塑实验室, 何颂文
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